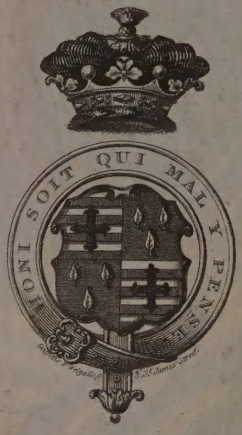
HONI · SOIT · QUI · Y · PENSE

0.4.1



The Marquis of Stafford.

20526/c
ch 11 16802.48c

HISTORIA MUSCORUM:

A

GENERAL HISTORY

OF

LAND and WATER, &c.

MOSSES and CORALS,

CONTAINING

All the Known SPECIES,

Exhibited by about 1000 FIGURES, on 85 large Royal 4to Copper Plates, collected, drawn and engraved in the beſt Manner from the Originals. By the Author

JOHN JAC. DILLENIUS, M. D. F. R. S.
Sherrard *Profeſſor of Botany in the Univerſity of* Oxford.

Their NAMES, PLACES of GROWTH, and SEASONS, in *Engliſh* and *Latin*, referring to each Figure.

LONDON:

Printed for J. MILLAN, oppoſite the *Admiralty, Whitehall.* 1768. (Price 1*l.* 11*s.* 6*d.*)

LATELY PUBLISHED,

JACOBI PETIVERI, F. R. S. Opera Hiſtoriam Naturalem Spectantia,

Or his *Gazophylacium et Muſei, &c.* in 2 Vols. Fol.

Containing about 7000 Figures of Rare Birds, Beaſts, Reptiles, Inſects, Fiſh, Beetles, Moths, Flies, Shells, Corals, Foſſils, Minerals, Stones, Funguſſes, Moſſes, Herbs, Plants, &c. from all Nations, on 309 large Folio Copper-Plates, and about 800 Figures to Ray's Hiſt. of Plants, with Engliſh, Latin and Native Names and Places of Growth. N. B. Above 100 of theſe Plates, and 17 Tracts, were never publiſhed before. Price 6l. 6s. With Merian's Surinam's Inſects coloured, 7l. 7s.

BOOKS lately publiſhed by J. MILLAN,

Near WHITEHALL.

1 LIST of his Majeſty's Land Forces and Marines, at Home and Abroad, &c. by Permiſſion, (all other Liſts of the Army are ſpurious and of no Authority in any Court or Diſpute) 5s.
2 General Wolfe's Inſtructions to young Officers; alſo his Orders for a Batallion and an Army, &c. 2s. 6d.
3 Muller's Works, of Fortification, Engineering, Mineing, Artillery, Mathematics, &c. &c. containing upwards of 200 Cuts, 8 vols. 2l. 8s. 6d. or any Volume ſeparate
4 Manœuvres for a Battalion of Infantry upon fixed Principles, &c. with 57 Plates, 10s. 6d.
5 New Exerciſe by his Majeſty's Order, 1s.
6 Recruiting Book, for all Officers on that Service, 2s. 6d.
7 Regimental Book, beautifully engraved, 4l. 4s.
8 General Returns for reviewing Horſe, Dragoons, and Foot
9 Military Inſtructions for Officers detached in the Field, Cuts
10 Simes's Military Guide for young Officers, Cuts
11 —— Military Courſe, many Cuts, coloured
12 —— Treatiſe on the Military Science
13 —— Military Inſtructor
14 Capt. Miller's Art of Self Defence, 10s. 6d. on Copper Plates
15 The Norfolk Militia Diſcipline, containing the manual Spontoon and Halbert Exerciſe, Salutes, Marching, Counter-marching, Wheeling, Evolutions, Firings, Standing Orders, &c. in the moſt expreſſive Manner, by above 100 Figures on 53 folio and quarto Copper Plates, &c. containing many uſeful Articles not in any Work of this Kind. By W. Windham, Eſq. and G. Vt. Townſhend, Ld. Lt. of Ireland. The preſent manual Exerciſe is now added, 10s. 6d. half bound.
16 The Value of Commiſſions on Full and Half Pay, with the Difference ſettled by the King's Command
17 New Art of War, by Captain Anderſon, 7s. 6d.
18 Artificial Fireworks, improved with 60 Figures, by R. Jones of the Artillery, the Second Edition with Additions of 3 Plates, &c.
19 Univerſal Military Dictionary by Capt. Geo. Smith, 4to. many large Copper-Plates
20 Voyages and Travels from orginal Mauuſcripts, &c. from the Harleian Library, 2 vols. Folio, proper to be added to the 6th vol. of Voyages and Travels in Folio, formerly ſold for 3l. 3s. but now ſold for 2l. 2s.
21 Drummer's Inſtructor, with the Engliſh and Scotch Duty, Beatings, Marchings, Calls, &c. neatly engraved on 12 Plates, by R. Spencer, Drum Major in the Foot Guards
22 Half Pay Certificates, Atteſtations, Furloughs, Diſcharges, Inliſting Bills, &c.
23 Major Rogers's Journal of the late War in America, 5s.
23* His conciſe Account of America, alſo the interior Parts, their many Nations and Tribes of Indians on the Great Lakes and Rivers, their Cuſtoms, Governments, Number, &c. with many uſeful and entertaining Facts never before thought of, 5s.
24 Ponteach, or the Savages of America, a Tragedy, 2s. 6d.
25 Timberlake's Memoirs of the Cherokee Nations, 4s.

The above Four have great Encomiums in all the literary Productions.

26 Sheldrake's Herbal on 116 large folio Copper Plates, drawn in the moſt maſterly Manner from the Originals when in their higheſt Perfection
27 Sheldrake on Heat and Cold, for Green Houſes, 1s.
28 Columella on Agriculture, by Gibſon, 4to, 14s.
29 Palladio, finely engraved by Ware, 7s. 6d.
30 Hill's Review of the Philoſophic Tranſactions of the Royal Society, 10s. 6d.
31 Dr. Sharpe's Engliſh Hebrew, Engliſh Latin Grammar
32 —— Defence of Chriſtianity, 3s.——Oligarchy, 1s.
33 Letters from a Perſian in England, 4th Edition, 3s.
34 Langley's Gothic Architecture. 15s.
35 —— Treaſury of Deſigns, 13s.
36 Groſman's Chymiſtry, 10s. 6d.
37 Inigo Jones's Deſigns for Chimnies, Cielings, Temples, &c. 10s. 6d.
38 Pine's Horace, 2 vols. finely engraved, 2l. 2s.
39 Tandon's French Grammar to learn without a Maſter, 6th Edition, 2s.
40 Coins, Weights and Meaſures of all Nations, with Additions, 5s.
41 Morris's Lectures on Architecture, 2 Parts, 6s.
42 Captain Bontein's large Map of Jamaica, corrected to 1776, 7s. 6d.
43 Prior's Poſthumous Works, 2 vols. 8vo. 10s.
44 Buckingham's Works, 2 vols. 8vo.
45 Price's Carpentry, 4to.
46 Signals and Flags of all Nations, 5s.
47 Complete Card Player, 2s.
48 The Deſcription and Uſe of the Logg, to try a Current when a Ship is under Sail, to which is added the Uſe of Hadley's Quadrant, by a Seaman, 1s.
49 All Shell and other Fiſh, both Salt and Freſh Water, brought to Market, with the Times of their being in Seaſon, from the Original Paintings of Vanhaken, engraved on 9 full Sheet Copper Plates, 1l. 1s.
50 Cateſby's Hortus Europæ Americanus, or a Collection of 85 curious Trees and Shrubs, the Produce of North America, adapted to the Climates and Soils of Great Britain, Ireland, and moſt Parts of Europe, exhibited on 17 large Imperial Copper-Plates, coloured after Nature.

WELLCOME HISTORICAL MEDICAL LIBRARY

GENERAL HISTORY

OF

MOSSES.

CLASS I. *Byſſus.*

1. GReen Paper *Byſſus. Plate* I.
2. White Waſh
3. Mealy
4. Yellow Powder
5. Green Cluſter, *Hampſtead-Heath, Summer.*
6. Downy Violet
7. Pleaſant Green Verdigreaſe
8. Micheli's Purple Bay-tree
9. Flaky Snow
10. Hairy Skinn'd
11. Black Silk, *Florence.*
12. Mouſe Skin Caſk
13. Yellow Cloth, *on the Ilex, July, Florence.*
14. Green Velvet Ground
15. Elegant Branchings
16. Saffron-colour'd Rock, *Carnarvon Rocks, Wales*
17. Red hair'd Wood, *on moiſt rotten Wood.*
18. Black-hair'd Rock
19. Red Beard Wood, *on rotten Wood.*
20. Whitiſh Briſtle, *on a white Wall under Ground in Herefordſhire.*

CLASS II. *Confervæ.* ORDO I. SERIES I.

1. Hairy River Weed Crow Silk *Confervæ. Plate* II. *in Rivulets, Ponds and Bogs.*
2. Wider ſpread Silk, or common floating } Silk
3. Small Byſſus }
   2. *Mitcham Meadows Surry, Spring and Summer.*
   3. *On ſmall Stones in the New River near Hornſea, Winter.*
4. Slippery, or fleſhy Alpine, *Llanberris, Wales.*
5. Tender, *in ſoft black Mud Ditches near London, Rotherhithe and Hackney always.*
6. Forked
7. White Silk *Confervæ ramoſæ.* SERIES II. *Penryn, Wales, Angleſey Rocks,* &c.
8. Sea Fennel, *Angleſey Rocks.*
9. Forked Briſtle, *Plate* III. *Salt Ditches, near Greenwich and Woolwich, all the Year.*
10. Ditch Hair, *Hackney Ditches, Spring, Sum. Aut.*
11. Pitch Cotton, *Rotherhithe and Deptford Ditches, Spring and Sum. on the Sides of Ciſterns in all Seaſons.*
12. White } Sea Flock *Confervæ ramoſæ.*
13. Ruſty }
   12. *Selſey Ditches and Ponds Suſſex, Summer.*
   13. *Bagnor Rocks Suſſex, Summer.*
14. Net, *Plate* IV. *Weſtminſter Ditches, Hounſlow-Heath Brooks and Thames Banks, Summer.*
15. Velvet Mill, *Clear Streams, Mill Pipes,* &c.
16. Rough fibrous River, *Clear Streams, Hounſlow-Heath, Lug River, Herefordſhire.*
17. Thready ſpongy Amphibious, *on Ditches and Walls near London, Autumn and Winter, moiſt and ſhady Places, Summer.*
18. Short pale green River, *on ſmall Stones, Hack. Riv.*
19. Soft long Sea, *on large Stones, Shepey and Angleſey.*
20. } Short Sea { Green, *Angleſey Rocks.*
21. } { Loc
22. Lattyced } Sea { *Shepey, June and July.*
23. Feather'd } { *Dover Caſtle and Angleſey.*
24. Jelly } { *Bagnor and Cock-Buſh Shore, Suſſex, June.*

ORDO II. *Confervæ Geniculatæ.*

25. Marſh } Thread *Geniculatæ. Plate* V.
26. Branched River }
   25. *Maldon Marſh-Ditches Eſſex, Shepey, Selſey, Angleſey, and Hackney River.*
   26. *On ſmall Stones Kenchurch-River, Herefordſh.*
27. Jointed Link, *Bahama Iſles.*
28. River }
29. Sea } Beard
30. Spreading Sea }
   28. *Giſſa in Heſſe, Kintzeback-Mill, Boat-Bottoms Godſtow.*
   29. *Bagnor Sea-Rocks Suſſex, and Angleſey.*
   30. *On ſmall Stones Shepey and Angleſey.*
31. Cluſter, *On Godalmin Fountain Stones, in the River near Sandford at Oxford, Leeds-Abbey, Kent, and Mainnaſh near Stanton.*
32. Sea Wool, *Selſey-Marſhes Suſſex, Salt Ditches Graveſend.*
33. Beaſom-like Silk, *Small Stones Shepey, New River near London, Mill-Timber Hounſlow-Heath, Norbury-River near Biſhop's-Caſtle Shropſhire.*

N. B. *The Name of each Claſs reads to every Article, for which Reaſon each Line has not a Point.*

34. Fine River Silk, *Plate* VI. *Confervæ Geniculatæ. Munnow-River near Kenchurch Hertfordſh.*
35. Palmated, *Shepey, Angleſey, and Cockbuſh Suſſex.*
36. Larger Jelly Coraline-like
37. Finer ſlippery
38. More-branch'd jointed
39. Hollow

} Sea { *Corniſh, Suſſex, Shepey and Angl. Coaſts*

ORDO III. *Confervæ Nodoſæ.*

40. Red Sea Slippery Pearl *Confervæ Nodoſæ. Pl.* VII. *Cornwall, Suſſex and Angleſey*
41. Sea Coralloide-like, *Angleſey.*
42. Bigger Mouſe-colour'd
43. Leſſer green
44. Tender pale green

} Frog Spawn

42. *In Springs, &c. at Giſſa near Alten and Groſſen Buſeck, at Roedgen, Grunberg, and in Godalmin Fountain, Surry.*
43. *Enfield-Chace Middleſex, Spring and Sum.*
44. *Southgate Wood Waters Middleſex, and near Mancheſter Lancaſhire.*

45 Blue ſlippery Alpine Pearl, *in Waters near Llanberris, Clifton-Moſs near Mancheſter, Auguſt.*
46. Slippery pearl'd black Hair, *in Springs Angl.* &c.
47. River
48. Sea

} Horſe-tail { *Afon-River near Bangor*, &c. *near Ludlow Salop on the New Bridge.*

GENUS III. *Laver Tremella.*

1. Oyſter-green, or Laver, *Plate* VIII. *on Stones and Shells in Salt Ditches and Marſhes.*
2. Freſh-water, *Newington and Rotherhithe Ditches, Spring.*
3. Navel, *Back of Sheerneſs.*
4. Marygold, *Plate* IX.
5. Leek, *Angleſey Rocks.*

} leav'd

6. Double Ribband
7. Gut, *Tide Ditches Greenwich and Woolwich.*
8. Thready Tape-like
9. Small Cluſter, *Tide-Rocks Angleſey.*
10. Jelly-Blue-horn, *Plate* X. *Towards the Eaſt Gate in the Ditches of a Field near Chicheſter, Suſ.*
11. Fern-Moſs, *Ditto in June.*
12. Tender criſp
13. Horned

} Ground

12. *In the Shade on Walls and Hedges Jan. & Feb.*
13. *In Enfield-Chace, on the Ground n Southg. Ap.*

14. Jelly Rain, *Graſs and Gravel Walks, Rainy Weather, Spring.*
15. Witches Butter, *Bark of Trees.*
16. Bladdery
17. Bladdery

{ Jelly River headed

16. *Stones near Pentir Wales, and Depten Garden Surry.*
17. *Newington and Hackney dry Ditches, Aut.*

GENUS IV. *Uſnea.*

1. Stringy Tree-Moſs, or *Uſnea* of the Shops. *Pl.* XI. *In thick Woods Germany, England,* &c.
2. Micheli's
3. wide

{ forked { finer thicker } with } Points

3. *On Beach and Fir Trees, on the Alps, and in Stiria.*

4. Long-beaded, or Necklace Moſs, *on a Beach Tree near Stokenchurch, and on a Hazel near Burnley Lancaſhire,* &c.
5. Flat Alpine, *Plate* XII. *on the Larch Tree, ſupra Thermas Leucenſes.*
6. Bearded Barbata, *on Beach and other Trees, Switzerland, Norway, Glouceſterſh. and Shrop.* &c.
7. Black Mane, *Giſſa, Charley Foreſt Leiceſterſhire, Derbyſhire,* &c.
8. Black hard Wool, *Plate* XIII. *Cornwall, Bangor,* &c.
9. Tufted Black, *Greenland.*
10. Spring ſpreading, *on Oak Trees, decay'd Wood and Stones at Steiperſtone Salop, all the Year.*
11. Horſehair, *on Trunks of Trees from Patagonia.*
12. Common ſmall
13. Common ſmall

{ without with } Rundles

12. *Common in Woods, Thickets and old Hedges.*

14. Arabs true, *St. Helen's, Madagaſcar Eaſt-Indies.*
15. Orange-colour'd forked, *Canary-Iſlands.*
16. Braſs Wired

GENUS V. *Coralloides.* ORDO I.

1. Fleſh-colour'd, *Plate* XIV.
2. Brown

} Muſhroom-like *Coralloides.*

1. *Brandenburgh Moſſy Fields, on old Pinaſters at Giſſa, and Weſt Riding of Yorkſhire.*
2. *Hamſtead-Heath, and Wiſmar-Foreſt n. Giſſa.*

3. Small black Pin Tree
4. Small pale Pin Stone

3. *On the Barks of old Oaks Bps. Caſtle Salop, Aut. and Winter.*
4. *On Rocks near Biſhop's Caſtle.*

5. Fleſh-colour'd Muſhroom-like.

ORDO II. SERIES I.

6. Common
7. Scarlet tipt
8. Indented
9. Radiated

} Cup or Chalice *Coralloides.* *Hampſtead and Black Heaths, Wint.*

6. *On Heaths,* &c. *among Woods and Stones,*
7. *Autumn and Winter.*

10. Small Rattle-leaved Trumpet, *Blackheath & Giſſa.*
11. Short

11. Short footed *Coralloides.*
12. Elk-horn leav'd } Cup.
13. Branched and Indented

11. *Charlton, Woolwich and Giſſa, Jan. & Feb.*
12. *A. Blackheath, B. Snowdon, C. Greenland, D. Trowbridge.*
13. *Mountainous and rocky Heaths, Leath-Hill Surry, Summer, all Spring in Wales, E. at Steiperſtone Salop.*

SERIES II.

14. Skewer *Coralloides. Plate* XV. *on moſt Heaths.*
15. Thigh-bone } Cup { *in Woods and in Enfield-Chace.*
16. Thorned }
17. Branched Cornu Copiæ, *decayed Wood.*
18. Clumſy indented, *decay'd Wood, Spring & Winter.*
19. Scarlet } headed { leſs } branched
20. Brown }

19. *Barren Heaths and decayed Roots of Trees, Feb.*
20. *Woolwich-Heath, February.*

ORDO III. *Coralloides.* SERIES I.

21. Great } ſoft open, *Plate* XVI.
22. Small, }

21. *Leath-hill Surry, and Petersfield heath Hants.*
22. *Woolwich-heath, Steiperſtone Salop, and Petersfield-heath, Hants.*

23. Handſome fine-cut criſp, *Providence.*
24. Little criſp imperforated, *Virginia.*
25. Prickly diſtorted, *on barren bleak Hills, Chiltern-hills, Oxford and Cambridgeſhires.*
26. Leſs } branched { horned { *Woods and Heaths.*
27. More } { *Heaths & Hills, W.*
28. Small brittle Madripora like, *Bagſhot near Farnham, Spring and Winter.*
29. Rain-Deer Moſs, or common white } Mountain
30. Common brown tipt }

29. *Heaths and Hills in moſt Nations.* 30. *Ditto.*

SERIES II. *Coralloides.*

31. Brown prickly ſolid, *Plate* XVII. *Giſſa in Heſſe, Steiperſtone hill Salop, Heaths near London, and Cambridgeſhire Hills.*
32. Black Lace, *Snowdon hill, &c.*
33. Criſp warty Alpine, *Snowdon. Greenland, Penſilvania, Switzerland, Lapland.*
34. Alpine Coralline } like
35. Cypreſs }

34. *Snowdon, and Mountains in Wales.*
35. *Tunbridge-Rocks, Steiperſtone, and Snowdon.*

36. Cluſter Baſtard, *from Ruſſia.*
37. Horned Wrack or Fucus } like *on Snowdon.*
38. Warty and Pod } *Coralloides.*

38. *On the Grey Weathers Stones Wiltſhire, &c.*

39. Argol and Canary Weed, *in the Archipelago and the Canary Iſles.*

GENUS VI. *Lichenoides.* ORDO I. SERIES I.

1. Strange Character'd *Lichenoides. Plate* XVIII. *On Elms and Oaks.*
2. Black dotted wrinkled, *on Beach and young Oaks in every Wood and Seaſon.*
3. } Leprous { black } nobb'd { *In all Seaſons.*
4. } { brown } { *On the Bark of Trees, Winter and Spring.*
5. Yellow Map *Hangerſtein Rocks Germany, Steiperſtone, and Pentir.*
6. Red nobb'd, *on the Barks of decay'd Poplar, Walnut and Plumb Trees.*
7. Black Lentil, *on the Bark of decayed Wood, Winter.*
8. White tartareous Scarlet dying, *Mount Glyder Rocks Carnarvon.*
9. Wrinkled Wart, *Trees and Stones, all Seaſons.*
10. Crawfiſh Eye like *Walls and Stones at all Times.*
11. } Mealy { rugged
12. } { tartareous with brown Diſhes

11. *Old Trees, Oaks, Elms. The ſmoother Species under C. on Beach and other young Trees.*
12. *Upſal Mountains.*

13. Large leprous with yellow Plates, *Bingley, Yorkſhire, Steiperſtone and Carnarvon.*
14. Red } ſpangled { tartareous
15. Black } { leprous

14. *On Pentir Rocks Wales.*
15. *On Trees, Walls, and Stones.*

16. Brown, or variouſly ſpangled leprous } *In all Seaſons.*
17. } Round { grey } tartareous
18. } { yellow }

ORDO II. SERIES I.

19. Curled fleſhy Sea, *Plate* XIX. *about Delkey, Chicheſter Suſſex.*
20. Wrinkled Bat's-wing, *Hangeſtein Foreſt near Giſſa, on Trees in Oberwaldt Heſſe, and in Bagley-wood Oxon, Wales, &c.*
21. Thin reliculated, *Iſle of Providence.*
22. Lobated }
23. Curled } Jelly *Lichenoides.*
24. Ear-like granulated }

22. *Rocks near Wetzler, and Marſton near Oxford, Winter and Spring.*
23. *Shady Rocks, and Bottoms of Walls.*
24. *Oxford-Garden Gravel-walks, Spring.*

25, 26, 27. Jelly { Sea ragwort, *Lichenoides.* / imbricated, *Walls about Ludlow.* / Hand-like Cluſter
25. *Wetzler Rocks, and Leuton Herefordſhire.*
27. *Horſham-wood Suſſex, Phyſic-garden Walks, Oxford.*
28. Tuna, or Indian Fig-like } Jelly
29. Broader Tuna, or India Fig-like }
28. *Malham Cove Rivulet Yorkſhire, and Snowdon Torrents, Summer.*
29. *Wigmore Rocks Herefordſhire.*
30. Horned } tranſparent { *Heaths Wint. and Sp.*
31. Endive-leaf'd } tranſparent { *Moſt places all the year*
32. Lettuce-like } tranſparent { *In Patagonia.*
33, 34, 35. Criſp jelly { flat / ſmall upright / as if prickly } Leaves
33. *Germany, and Wigmore Cliffs Herefordſhire.*
34. *Footſcray wood Kent, and Germany.*
35. *Footſcray-wood and Darking, Winter.*
36. 37. 38. Pulmonarius Gelatinoſus.

Series II. Division I.

39. Common blue curl'd, *Plate* XX.
40. 41. Pulmonarius { latifolias / minor } Glaucum
42. Smaller } leav'd { blue } hairy Edges
43. Broad }
42. *On Virginia and Penſilvania Oaks.*
43. *St. John's Iſland.*
44. Saucer, *Maryland.*
45. Larger Sea-green } hairy
46. Small grey }
45. *On moſt Trees in all Seaſons.*
46. *On Oak, Elm, Aſh, Fir, Sloe,* &c. *Trees, and Stones, near Oxon,* &c.
47. Grey-brown Tree, black under
48. Pulminaaris Minimus Arbor
49. Blunt horned, *from the Earth or other decay'd Moſs.*
50. Grey flat } black { hair'd, *Plate* XXI.
51. Rough narrow } black { ſpangled
51. *On the Sloe near the Sea*
52. Bitter-horn'd grey, *On Beach Tree Boughs in Grunberg Foreſt Heſſe, Carnarvon woods, and Pales of Croft Caſtle Park, Herefordſhire.*
53, 54. } white { prickly yellow Diſhes / narrow horned
53. *On the Sloe, on the Littus Oſtienſe.*
54. *Lippock-Heath Hampſh. Aug.*
55. Common horn'd pitted, *on all Trees, on Willows ſoft, and on Sloes white.*
56. Smooth pitted Endive like, *Greenland, Lapland, Dalekarlian Mountains, Switzerland and Italy.*
57. Blackſmith's Apron, or ragged, *Lichenoides About Bedington and Carſhalton Surry, Slinfold Suſſex, and Oxford Woods.*
58. Fallopian Tube like, *Plate* XXII. *on the Beach and Fir on the Alps in Tuſcany.*
59. Long leav'd wringle ſtiff, *Oak ſides, England, France and Germany.*
60. } Dyers { ſhort-blunt } horns *Jerſey Rocks.*
61. } Dyers { long ſharp } horns *Plate* XXIII.
61. *From the Canaries.*
62. Channel-leav'd, *on Oak Wales, Slinfold Suſſex, Steiperſtone Rocks, and Glouceſter.*
63. Fine-cut warty, *on Trees every where, whiteſt on the Sloe.*
64. 65. 66. Pulminarius { Alpinus cinereus / Cinereo-rufeſcens mollior / Cinereus mollior
67. Brown rough ſtarry ſpangled.

Division II. Sub-Division II.

68. Leaſt fine } cut { *On Stones on the Haards n. Giſſa.*
69. Brown ſmall } cut { *Bangor Rocks.*
70. Grey ſmall } cut { Star
71. Green { blunt } cut { round
72. Green { ſmall diſtorted leaves, *about Oxford.*
70. *Bark of Trees Bagley wood Oxon.*
71. *On Oak, Beach, Elm,* &c. *Trees.*
73. Thin ſoft Agaric-like, *Plate* XXIV. *on Trees near Pentir and Bangor.*
74. Cartilaginous with large Spangles, *on Stones and Rocks in Angleſey, and on Glyder hill.*
75. Greeniſh with Cheſnut-colour'd Diſhes, *on Stones near Dolgelle Merionethſhire, and near Llanberris, Carnarvonſh. Sept.*
76. Common curl'd with yellow Leaves and Plates
76. *On Trees, Stones, Walls, Tiles, and old Wood, Winter*
77, 78, 79. Olive-colour'd with { ſmooth Plates / warty Diſhes / wrinkled Bowls } *from Fontainbleau.*
77. *On Trees and Stones in England and Germany.*
78. *In Schiffenberg Foreſt near Giſſa, Shooter's-Hill, Slinfold Suſſex, and Bagley wood Oxon.*
80. Cork or Arcell, *Steiperſtone and Wales.*
81. Black Greenland } Cork *Lichenoides.* *Greenland.*
82. Bladder }
82. *Emmet-Paſture near Colne, Lancaſhire.*
83. Common grey-blue pitted, *on Trees, Stones, Tiles, and old Wood, Winter.*
84, 85, 86. Lichen Pulmonarius { Craſſus ſuperne e cin. plumbeus / Minor { ſuperne cinereus / tenuiter diviſus }

87. Lichen Pulmonarius, Querno folio Alpinus, inferne nigricans ſaperne pulchre cinereus
88.
89. Saxis & Arboribus Adnaſcens
90. Saxatilis, tenuiter & eleganter diviſus
91. Farinaceus, major
92. foliis brevibus
93. glauco vireſcens
94. ex albo ſubcinereus
95. Albus foliis pulpoſis
96. Smooth Endive-like, *Plate* XXV.
96. *On Emmet-Moor near Colne Lancaſhire, Banſtead Down and Steiperſtone, Wales and Croft Park Herefordſhire.*
97. Wrinkled Roſe-leav'd, *on Stones and Trees every where, all Seaſons.*
98. Lovely green reddiſh Diſhes
98. *On the Aſh in Ireland, on Stones at Comb Floyd n. Biſhop's-Caſtle, and on Oaks between Carno & Main-Loyne Merionethſh*
99. Pale blue ſcallop-leav'd, *Plate* XXVI.
99. *Between Carno and Main-Loyne, Aug.*
100. Sooty Ruſt colour'd Spangles, *Mountain Cader Ideris near Dolgelle, Aug.*

Series III. Division I.

101. Rough villous with ſmall Shields, *Plate* XXVII.
102. Aſh colour'd ſcented Lettuce *Aſh-co. ground*
103. Dark Finger curl'd Leaves *Liver-wort.*
101. *In Hangeſtein, Giſſa, Enfield Chace, near Southgate, n. Dolgelle and Luction Vallet.*
102. 103 *On Heaths, Hedges and Woods.*
104. With flat
105. Livid revers'd brown Shields
104. *Enfield Chace Winter and Spring.*
105. *On Pebbles on Suſſex Shore, and on Trees at Slinfold, about Biſhop's Caſtle Salop.*
106. Fine grey black Warts, *in the Foreſt near Giſſa.*
107. Many
108. Double finger'd Aſh-colour'd, tranſparent
107. *About Perfeddgoed Houſe near Bangor.*
108. *Rumbles Mear near Helwick Yorkſhire.*
109. Small grey flat black Shields
109 *Hangeſtein Foreſt n. Giſſa, Aut. & Wint.*
110. Leaſt round
111. Eryngo finer
112. *at Giſſa.* leav'd, *on Snowdon and Stroma Iſle Scotl.*

Division II.

113. Common Lungwort, *Plate* XXIX.
113. *On Oaks in Eng. on Beach and other Trees abroad. Ray found it on Heaps of Stones in moiſt ſhady Places, all Seaſons, principally Winter.*
114. Lungwort glaucus Leaf, wooly
115. Buck's-horn, ſpongy on the under ſide
114. *By Mr. Rand on Stones at Cockbuſh on the Sea Side Suſſex, at Dolgelle in Merionethſhire, and on Oaks in Germany and Herren-Waldt Wood near Giſſa.*
115. *On Trees.*
116. Thorny frizled Hair Button-Heads
116. *On Snowdon and on Berwyn Derbyſhire.*

Division III.

117. Grey Leather with
118. Sad colour'd ſtiff black Warts, *Plate* XXX.
117. *Near Fontainbleau, St. Germains, and the Wood Marcouſſy, St. Vincent's Rock Briſtol, at Upſal and Lapland.*
118. *On Snowdon and on Berwyn Derbyſhire.*
119. Shagreen
120. Orange-colour'd flat ſticking Shields *Greenl.*
121. Lichen-like Shields in Sockets
121. *On Chedder Rocks and Snowdon.*

Series IV.

122. Lichen folio Subrotundo peltato, margine fere integro, ſubtus maxime hirſutus.
122. *On Breckwikbergel and the Woods in Lapl.*
123. Lichen Pulmonar. minor inferne obſcurus
124. maximus cinereus
125. Max Maj. inferne negricans albidus
126.
123. *In Silvis Montis Senarii.*
124. *On Monte Murello near Florence.*
125. *On the Mountains in Piſtoia.*
126. *In Viridario Boboli.*

Series V. *Lichenoides.*

127. Grey cloudy Leather, other ſide yellow
127. *On Chedder Rocks, on Tor Rocks near Wells, in Wales and Angleſea.*
128. Tiled Lead-colour'd, *on Stones in a Rivulet near a Mill by Perfeddgoed Houſe near Bangor, alſo in a Rivulet in the County of Radnor.*
129 Small ſmooth Rock, with duſky Leaves
130. Duſky Rock, black Hairs under
129. 130. *On the Alps, on Snowdon, and the Mountains near Llanberris.*
131. Singed with grey Puſtuls
131. *In Radnor on the Rocks to the South under Keven Lees Caſtle, and on a large Rock on the Road from Penmorvay to Dolbelmen in Carnarvonſhire.*

132. } Quod Lichen Pulm. { Saxatalis minimus fulvus foliis pulposis
133. } Quod Lichen Pulm. { Leaſt green Shield terreſtris clypeatus minimus & indiviſus vireſcens
134. } Quod Lichen Pulm. { Saxatilis viridis foliis vix conſpicuis, ſquamatum ſibi incumbentibus, receptaculis Florus nigris, ſmall ſcaly
135. Haller's ſmall ſhort thick ſcaly

GENUS VII. *Mnium.* ORDO I.

1. Common narrow leav'd, *Plate* XXXI.
2. Tranſparent Mother of Thyme leav'd
   1. *On Stakes in moiſt Places in Germany, and in ſandy and dry Places in England.*
   2. *On Woolwich Heath and the Marſhes near Darking in Surry, in Feb March and Apr. and in July at the Feet of the Rocks n. Tunb.*
3. Larger erect forked } Bog *Mnium*
4. Many headed }
   3. *In Ireland and the Marſhes near Reading and Lancaſhire, n. Hampſtead, Southg. and Oxf.*

ORDO. *Species repentes.*

5. } Trichomanes-like { tranſp. with whole } leaves
6. } Trichomanes-like { with divided }
   5. *In moiſt Places near Woolwich, Eltham, Footſcray, Cane Wood, Hampſtead and Highgate.*
   6. *Highgate and Shooter's-Hill in Feb. Mar Apr.*
7. Lichen-leav'd, *on the Breaking of Medlock River Bank at Faſington-Wood between Garret and Knotmill about a Mile from Mancheſter, Oct.*
8. Short irregularly branched, *from Virginia.*

CLASS VIII. *Sphagnum.* ORDO I.

1. Larger hollow } leav'd ſoft Bog. *Plate* XXXII.
2. Finer }
   1. *In moiſt boggy Places all over Europe and in Virginia, all Seaſons.*
   2. *In moiſt Places on Charlton-common and between Weſt Wickham and Addington near Croydon Surry.*
3. Bright green pointed oval } Heads
4. Rough Red }
   3. *In moiſt ſpongy Places on Cader Ideris and Snowdon, Aug. and Sept.*
   4. *On Stones and Trees, Nov. Dec. Jan.*
5. Hoary nodous, *in Germany, Weſt-Riding of Yorkſh. on the Grey Weathers near Marlborough, and the Hills about Biſhop's-Caſtle, Nov. and Dec.*
6. Many headed one way, *on Trees in Enfield-Chace, and Orchards at Oxford all Seaſons.*
7. Plain feather'd
8. } Wavy feather'd with { hairy } Heads
9. } Wavy feather'd with { ſcaly }
   7. } *On Trees.*
   8. }
   9. *On Bark of Trees on the Mount. of Switz.*

ORDO II.

10. Dwarf Hair-leav'd, *on moiſt ſandy Ways & Heaths.*
11. Larger } Dwarf { bulbous
12. Sroalleſt } Dwarf { briſtly
13. Largeſt }
    11. } *On Banks in the Hedges and Quarters in*
    12. } *the Gardens.*
    13. *On the Rocks near Llanberris and Switzerland, Sept. and Oct.*

CLASS IX. *Fontinalis.*

1. Large common } triangle *Fontinalis, Pl.* XXXIII.
2. Leſſer }
   1. *In Brooks, Rivulets and Ponds in moſt parts of England, all Seaſons.*
   2. *In the Thames on the Walls of the Palace at Lambeth, and in the Iſis at Oxford.*
3. Fine-leav'd glittering black, *in a rivulet near Llanberris, Aug. and Sept.*
4. Small Lancet leav'd, *Patagonia and the Iſle of Providence.*
5. Fine-leav'd with pointed Sheaths, *Penſylvania.*

CLASS X. *Hypnum.* ORDO I.

1. Leaſt, *Plate* XXXIV.
2. Small procumbent } Yew-leav'd *Hypnum.*
3. Great-branched upright Bog }
   1. *In the Woods in Germany, and in ſhady Places on Hillocks in England, Wint. and Spr.*
   2. *Shady Banks in April.*
   3. *In Marſh Land near the Water.*
4. Acacia leav'd with ſhort Pedicles, *from Patagonia.*
5. Double } row'd with { crooked } Fins
6. Single } row'd with { ſtraiter } Fins
   5. } *In Woods and moiſt ſhady Places on the*
   6. } *Ground.*
7. } Glittering feather'd { with oval Heads
8. } Glittering feather'd { Trichomanes-like
   7. *Sticking faſt to the Bodies of Trees in Spring.*
   8. *On Trees in a little Wood near Charlton, Enfield-Marſh near Tottenham, and on the Ground on the Edge of a Ditch in a Wood between Highgate and Hampſtead.*
9. Tranſparent Bird's-foot-leav'd, *from Patagonia.*
10. Large ſhining membranaceous Water
    10. *In ſhady moiſt Ditches and other marſhy Places more the North than South of Eng.*

DIVISION II. *Pinnis Undulatis & Criſpis.*

11. Trailing with waved Fins, *Plate* XXXVI.
    11. *In Ireland, Weſt Ridings of Yorkſh. in ſhady Ditches near Biſhop's-Wood Hampſtead, in the Paths of a Wood near Shooter's-Hill, Darking and Snowdon.*

12. Wa-

12. Wavy feather'd with ſhort Shanks
12. *On the chalky Hills near Graveſend, by the Thames above Water-mark, on St. Vincent's Rock Briſtol, broken Rocks in Wales, and Giſſa.*

SERIES II. *Plate* XXXV.

13. Large ſhining } Fern *Hypnum*, with
14. Leſſer } Tamariſk Leaves
13. *In ſhady Woods.*
14. *In Woods at the Bottom of Trees, Aut. Mar. and Apr.*

15. Fine dented trailing } Fern
16. Shining Plume }
15. *On the Bottom of trees and rotten Wood.*
16. *On Stones in the Woods near Giſſa, on Bricks and Tiles near London, and on the Bodies and Roots of Trees in Enfield Chace.*

17. Tough } thready { Hill, *on Hills near Hinkſey.*
18. Yellow } { Virginia, *Plate* XXXVI.
18. *Sandy Places in Viginia.*

19. Curl'd Fern, *In marſhy Meadows near Chiſlehurſt, and other Places in England and Wales, Sum.*
20. Plume creſted, *on the Wall to the Weſt of the Monaſtery of Godſtow near Oxford, on the chalky Cliffs between Northfleet & Graveſend.*
21. Fine-leav'd Bog, *Plate* XXXV.
22. Soft pale glittering Fern, *Plate* XXXVI.
21. *In wet Places on Heaths and Marſhes early in the Spring.*
22. *On Sticks and Roots in a Wood n. Tottenham.*

SERIES III.

23. Curl'd Cypreſs like, *Plate* XXXVII.
23. *On the Roots of Trees in Woods.*
24. Yellow Wolf's-Claw, *at Haardt near Giſſa, and on Mount Weddenberg.*
25. Great Scorpion creeping, *in Marſh Land near Biſhop's Caſtle and Pentir.*
26. Leſſer upright Scorpion Bog, *on the marſhy Heath between Weſt-Wickham and Addington.*
27. Creeping many-headed Water, *on the Thames Side near Batterſea.*

DIVISION II.

28. Great triangular pale green, *Plate* XXXVIII.
29. Moſt common } dented { blunted } heads.
30. Common } Ground with { ſharp beak'd }
28. *In Woods and Hedges, in the Buſhes dividing Haddington and Marſton.*
29. *In Barren Places, Woods and Hedges, about the Roots of Trees and Shrubs.*
30. *In Woods and Buſhes on the Bodies and Roots of Trees.*

31. Knee Holly-leav'd, *in Rivulets and Waters in Wiſmar Foreſt near Giſſa, and Yorkſhire.*
32. 20. } Long { Water, oval ſhining Leaves *Pl.* 38. 85.
33. } { ſharp leav'd Flote
32. *In Water near Giſſa and Waldt-Brunn, Spr.*
33. *In the Bogs in Ireland, in a Ditch going to Marſton near Oxford, Hackney and other Places near London.*

34. Spear-pointed } *Plate* XXXIX.
35. } { ſtarry }
36. } Yellow { Wooly } Bog
37. } { fine-leav'd }
34. *In Marſhy and Moſſy Places, Spr. & Sum.*
36. *In the Northern Parts of Yorkſhire, and in moiſt Places on Mount Glyder.*
37. *In the moiſt Meadows near Giſſa, and on Mount Weddenberg.*

38. Larger } drooping { leav'd { *In wet Places in*
39. Leſſer } { { *England and Germ.*
40. Rambling round-headed Mountain
40. *In the mountainous Crevetenan Ballina-hinch in the County of Down Ireland, and near Glouceſter England.*
41. Fox-tail, *Canary Iſlands.*
42. Rambling } ſlender { headed Stone
43. Upright } { with cylindrical Heads
42. *Upon Stones in Springs in Shiffenberg Wood near Giſſa, Sept.*
43. *On Stocks of Trees the Ground and Chalk Hills between Northfleet and Graveſend.*

SUB-DIVISIO II. *Foliis Appreſſis, caules & ramos teretes efficientibus, Plate* XL.

44. Water with round and feather'd Branches
44. *On the Thames ſide above London, and in the river near Hackney.*

45. Blunt }
46. Round } Cypreſs, or Stone crop } like
47. Finer }
45. *In Woods and Meadows.* 46. *On dry Land.*
47. *In Woods and Meadows.*

48. Long } ſhank'd { glittering } Shrub with { upright } heads.
49. Short } { dark green } { bowing }
48. *In Woods and other moiſt Places, and from Penſylvania.*
49. *In damp Woods on the Roots and Trunks of Trees. Plate* XLI.

50. Larger }
51. Slender } Mouſe-tail { with upright } heads
52. Leſſer thick } { with ſtooping }
53. Fine ſhining } { with ſtooping } { with upright }
50. *On the Roots of Trees and on Stones in Woods Jan. Feb. March.*
51. *In the Wood, and on Shooter's hill, near Tottenham.*

52. *On Walls at Hampſtead, Aut. Dec. Jan.*
53. *On old Walls and the Ruins of an Abbey near Weſtham by Stratford, on Stones in Lancaſhire.*
54. Squirrel-tail Tree, *on Trunks of Trees in Eng. and Germany.*
55. Slender crooked-like Pods, of ſmooth podded Bird's-Feet
55. *On Beach in Enfield-Chace, on the Grey Weathers, and from Patagonia, Feb.*
56. Catkin with long Hoſes
57. Creeping Catkin, ſoft ſhining Branches and ſlender Heads
56. 57. } *On Trunks of Trees in Penſylv. & Virginia.*
58. Catkin like the Silver Bryum, *from Maryland.*

Divisio III. *Plate* XLII.

59. Common bending Silk with ſtrait pointed
60. Trailing Silk with bending
61. Velvet with oval ſtooping
62. Slender Silk with pointed } heads
63. Slender Silk with roundiſh
64. Long red ſhank'd capillary trail } long
65. Short ſhank'd capillary
59. *On the Ground, Trees and Walls, all Seaſons.*
60. *On the Chalk-hills between Northfleet and Graveſend, on Trunks of Trees n. Woding and Beddington Surry.*
61. *On Trunks of Trees and ſhady Hedges near Mounds and Ditches.*
62. *On Roots of Trees, Bones and rotten Wood.*
63. *On a looſe ſandy Soil, on Heaths, and where little Graſs grows.*
64. *On the Ground and in Hedges, the Stumps of young Trees, on old Wood, Stones & Bones.*
65. *On Oak near Giſſa, Feb.*
66. Branched Hairy-tree, *in the Foreſt of Hangeſtein and other Woods near Giſſa.*

Ordo II. *Hypni Species capſulis pendulis. Pl.* XLIII.

67. Small dented black ſtooping Heads, *from Patag.*
68. Herrings-bone, *from Jamaica.*
69. Stiff-branched ſhort-ſhank'd pendulous Heads
69. *On Trunks of Trees in Germany, Enfield-Chace near Southgate, Marlborough-Downs, Yorkſhire, Snowdon.*

Ordo III. *Hypni Species incertæ & parum cognitæ.*

70. Black-water, hook'd Leaves
71. Round ſad green Wall, *on the North Wall of the Burial-place at Giſſa.*
72. Feuilles handſome ſcaly Water-Moſs, *Peru.*
73. Jamaica ſquare-branched, *Jamaica.*

GENUS XI. *Bryum.*

1. Hair-leav'd Globe, *on Sand-banks in England, in Woods in Germany, and on Rocks covered with fat black Earth. Plate* XLIV.
2. Marſh with round Heads, *in moiſt ſpongy Places.*
3. Narrow-neck'd Cruet Bryum tranſparent Thyme-leaves
3. *On boggy Places behind Hitchin ferry near Southampton, between Weſtham and Addington, near Croydon Surry.*
4. Wide-neck'd cruet tranſparent Mother of Thyme-leaves, *on Emmet-Moor Lancaſhire.*
5. Narrow-leaved ſlender Cruet, *on Heaths n. Llyn Dwythwch, and in old rotten Cow-dung.*
6. Pear-headed tranſp. Mother of Thyme-leaves
6. *On Banks and Hedges all the Year.*

Series II. Divisio I. *Foliis Latiuſculis.*

7. Small Thyme-leaved thick-ſet ruſty Heads
7. *Where the Graſs grows on Banks and Hedges. Plate* XLV.
8. { Leſſer } Extinguiſher
9. { Larger }
8. *On graſſy Places in a ſandy Soil, Nov. Dec.*
9. *On the Rocks in Hangeſtein-Foreſt Giſſa, and about Ludlow-Caſtle all the Year.*
10. Awl-headed, *on moiſt Banks of Earth and Woods, Jan. Feb. &c.*
11. Tranſparent Leaves leaning one Way, *from Virg.*
12. Hoary branched country clawed Heads
12. *On Houſe tops, Walls and Trees in the Country, Winter and Spring.*
13. Smooth Country Bryum-like Bryum, *from Patag.*
14. 15. } Common dwarf { hoary Wall / tranſparent green Leaves
14. *On Roofs, Tiles, Stones & Walls, Nov. & Sp.*
15. *On Banks of Earth near Streatham Surry and Oxford, Winter.*

Division II. Sub-Division I. *Longioribus.*

16. Sickle-leaved bending Beaſom, *Plate* XLVI.
16. *On Heaths and Trunks of Trees in Woods in England, France, Germany, from Greenland, Virginia and Penſylvania.*
17. Red-ſtalk'd tranſparent Graſs-leaved
17. *In hollow Rocks and Caves, in Hangeſtein-Foreſt, not found by Dillenius in England.*
18. Tranſparent Hart's-tongued leaved curl'd crooked Heads, *on ſhady Banks and Woods.*

19. Juniper

19. Juniper-leaved curled ſtraiter Heads
19. *From Virginia and Penſylvania.*
20. Larger brittle whitiſh ſtrait leaves and ſhort pedicles, *on high Heaths in England, in Woods in Germany, Aug. and Sept.*
21. 22. white { Dwarf Larch-Tree leaved / brittle crooked Leaves
21. *From the Iſle of Prov.* 22. *From New Hol*
23. Tranſparent Bog crooked ſhort Leaves & Heads
23. *In Marſhes.*
24. Short 25. Sharp } headed { drooping Leaves / Leaves leaning one Way
24. *On the Sides of the Lakes on Glyder and Snowdon, near North Bierly Bradford Yorkſhire.*
25. *In the Weſt Ridings of Yorkſh. and Llanber.*
26. Hypnum-like Water Bryum pointed black Caps
26. *On large Stones on the Hills n. the Peak Derb.*

DIVISION III. *Foliis Anguſtiſſimis Capillaceis.*
SUB-DIVISION I. *Plate* XLVII.

27. Common hoary Hypnum-like Bryum
27. *On ſome Rocks in Lancaſhire, Blackheath, Woolwich, Hampſtead, Enfield-Chace, Dartford-Heath, and about Giſſa.*
28. Green cluſtery Alpine
29. Small-headed Hypnum 30. Hypnum 31. Heath } like Alpine { Bryum / blunt Covers / bearded Hds
28. 29. 30. 31. *Snowdon* { *Sept.* / *Aug.*
32. Hoary Hypnum-like Mountain Bryum with many Heads, *on Snowdon, Glyder, Mendip-Hills, in Yorkſhire, and the Mount. in Switz.*

SUB-DIVISION II.

33. Soft-hair'd Pencil bandy Shanks
33. *From Ireland and the Woods near Giſſa.*
34. Bright green pointed Spagnum like
34. *Snowdon, Aug.*
35. Whorl'd Hair, *in Yorkſhire, and the Rocks by the Sea near Bangor.*
36. Conferva-like Bog, *in Bogs.*
37. Bending Hair-Pencil, *on Hedge-Banks & Heaths.*
38. Cluſtery crooked-leaved Hair, *Snowdon, Aug.*
39. Black-headed Bog ſhort Leaves, *Yorkſhire.*

SUB-DIVISIO III. *Plate* XLVIII.

40. Long 41. Short } ſhank'd frizzled { Bryum / many Heads
40. *On Hills in Yorkſhire and Wales, and from the Mountains in Switzerland.*
41. *Snowdon, Aut.*
42. Fine Star-top'd frizzled when dry
42. *Hedge-Banks and Woods, April.*
43. Short 44. Neat } pale green { oval / Starry-tops ſlender } Heads
43. *On ſandy Borders of Hedges and Ditches, and moiſt Heaths, Winter and Spring.*
44. *On Hedge-Banks, Ditches & Walls, W. & Sp.*
45. Small red Star-top'd Bog, *on the Top of Mount Glyder, and on Llyn y cwn, Aug.*
46. Smooth ſlender pale ſhank thickſet Leaves
46. *On ſandy and graſſy Places, Hedges and Walls, Wint.*
47. Thick top'd bearded Birds Claws, *on Walls, &c.*
48. Small Star-top'd claw'd and bearded Heads
48. *On the Ground, from Germany, not recollected where in England.*
49. Slender bearded narrow thin ſet Leaves
49. *In a looſe ſandy Soil, Spring and Sum.*

SUB-DIVISION V. *Plate* XLIX.

50. Small fork'd Bryum Twin-heads
50. *On Hedges in Gardens, and on Walls, Feb. and March.*
51. Star-top'd 52. Fine leaved Bog long and ſhining } Red Shanks
51. *On Heaths, Ways and Walls, Jan. Feb. Apr. May.*
52. *On Emmet Moor and Shobdon-Marſh.*

SUB-DIVISION VI.

53. Leaſt Dwarf 54. Black ſmall } Hair { ſhort / longiſh } Heads & Pedicle.
53. *In Marſhes.* 54. *From Upſal.*
55. 56. Dwarf { fine leaved Heath like tufted fine ſoft Leaves, concealed Heads one Way
57. 58. Golden long ſhank'd { hairy { Leaves leaning one Way / Bryum upright cropt red Heads.
55. *Near Wigmore Herefordſh. Nov.*
56. *From Virginia and Penſylvania.*
57. *From Virginia.*
58. *In the Marſhes near Weickardſhayn, near Grunberg Heſſe, Sum.*

ORDO II. SERIES I. *Plate* L.

59. Short ſhank'd 60. Golden 61. Lovely green } Hair { red ſtooping / Pear-like bowing / long pendulous } Heads
59. *In graſſy Places, Wint.*
60. *On Rocks in Nottinghamſh. Sum.*
61. *Woolwich-heath and Snowdon, Spr. & Sum.*

SERIES II. DIVISION I. *Sprigs of Land and Water-Moſs.*

62. Catkin-ſtemm'd ſilver pendulous 63. Round ſtemm'd green } Heads
64. Gallant Party-colour'd Hypnum-like

62. *In*

62. *In ſunny Places about London, Oxford, &c.*
63. *At Giſſa, and on the Gravel Walks and Graſs Quarters in the Gardens at Oxford.*
64. *By the Ruins of an old Caſtle n. Llanberris.*

DIVISION II. *Surculis & cauliculis in aquatibus.*

65. Hoary round tufted Tile hidden
66. Tufted red and yellow ſhank'd pendulous
67. } Tranſp. { and larger tufted long ſtooping
68. } { Lancet leaved long pendulous
} Heads
69. Lancet-leaved round fleſh-coloured

65. *On old Walls and Tiles, April.*
66. *On Roofs, Walls, Graſs and Gravel, Wint. and Spring.*
67. *In Woods, on Heaths, and other Places.*
68. *In moiſt Places in Summer.*
69. *Ditto, Blackheath, Eltham, Darking, Upſal, and Mountains of Switzerland.*

70. Tend. Lancet, & Graſs-leaved pendulous, *Pl.* LI.

70. *Fens in Cambridgeſhire, Upſal, Summer.*

71. Swan's Neck, *Charlton wood & Southg. Apr. &c.*
72. Pendulous ſwollen-headed Bog

72. *In marſhy Places near Charlton and Southg.*

73. Long-ſhank'd Bog, long pendulous
74. Red Bog plaited Leaves, Pear-ſhaped } Heads

73. *In the Torrents from Mount Snowdon, in watry Places of high Heaths n. London and Oxford.*
74. *In watry Places Shooter's hill and Cambridgeſhire Spring and Summer.*

SERIES III. *Species pendulæ foliis latioribus. Pl.* LII.

75. Golden bulb'd Pear-faſhion'd bowing Heads little Goldilocks or Golden Maidenhair

75. *In Woods, Gardens, Walks, Walls, old Trees and decaying Wood, and where Coals and Cinders have been laid.*

76. Many-headed pendulous Shrub, tranſparent Harts-tongue Leaves

76. *In moiſt ſhady Woods about the Roots of Trees, April.*

77. Larger } Starry Roſe { pendulous oval } Hds
78. Leſſer } { long Pedicles and }

77. } *In wet Places in Woods and Heaths n. Biſhops*
78. } *Caſtle in the Road to Clonton, Winter.*

79. Pendulous oval-headed various tranſparent } leaves
80. Long } tranſp. { Mother of Thyme }
81. Round } { pendulous oval-heads

79. *In Bogs, on Heaths & Meadows. Pl.* LIII.
80. *In Marſhes from Weſtern Yorkſh. Spring.*
81. *In watry Places, April.*

GENUS XII. *Polytrichum.* ORDO I. *Pl.* LIV.

1. Common larger ſquare-headed Bog, or great Goldilocks, *on Heath Bogs, Suſſex.*
2. Leſſer and ſtiffer } ſquare-headed Heath
3. Small hairy }

2. *On Hills dry or wet.*
3. *On ſandy dry Hills in England or Germany.*

ORDO II. *Plate* LV.

4. } branched Alpine bearing heads from its { Tops
5. } { Sides

4. *Snowdon and the Mountains in Switzerland.*
5. *At the Foot of Mount Cader Ideris, near Dolgelle, Aug.*

6. } Dwarf { round } headed aloe-leav'd
7. } { long }

6. *Heaths and other dry Places, Spring*
7. *On moiſt Heaths near Woolwich.*

8. { Larger } ſhort-ſhank'd
9 { Leſſer }

8. *On Beech, Maple and other Trees in Woods, Winter and Spring.*
9. *On Trees, Stones, Walls and Earth.*

10. Short-ſhank'd ſtrait and plaited Leaves

10. *On the Rocks near Bangor.*

11. } Fine-leaved { curl'd ſharp hairy-caps
12. } { Dwarf cylindrical Heads

11. *In Woods, near Southgate, Spring and Sum.*
12. *From Penſylvania, and on Jerſey-ſide at the Meneſinks at the upper Inhabitants on Delawarr.*

GENUS XIII. *Selago, Hedge-Hyſſop-like. Pl.* LVI.

1. Common } Spruce { like Selago upright Firr Moſs, Raii
2. American } { notched reflected Leaves

1. *On the Fiſſures of Rocks on Cader Ideris, Snowdon, Glyder, in Yorkſhire and Derbyſhire, and other Mountainous Countries.*
2. *From Penſylvania.*

3. Camphorata-leaved
4. Coris
5. Toad-flax } leaved, *Plate* LVIII.

GENUS XIV. *Lycopodium.* ORDO I. SERIES I. *Plate* LVIII.

1. Common hairy rambling Club } Moſs or { Wolf's-Claw
2. Creeping Savin-like Cypreſs } { Heath Cypreſs

1. *On the Mountains in Wales, Derbyſh. Staffordſh. Yorkſh. and other Northern Countries, Scotland, and upon Hampſtead-heath, and Shotover hill near Oxford.*
2. *In wet Places on Mountains, Steiperſtone, Ingleborough, Chenot-Hills, Cader Ideris, Snowdon and Glyder.*

3. Long round double forked fingered Arbor-Vitæ leaved, *Plate* LIX.

3. *From Penſylvania.*

4. Tall double-ſquare-forked, *Plate* LX.

5. Croſs

5. Crofs broad leaved ſlender forked } ſpikes *Pl.* 61
6. Creeping fin'd long Pedicles and } ſpikes *Pl.* 62

5. *Very ſeldom in Zeylan, and rare in Malabar near Cochin.*
6. *In low watry Places in Carolina.*

SERIES II.

7. Short creeping ſingle upright Clubs
7. *On Hampſtead Heath, Bagſhot, and Northern Mountains in wet Places.*
8. Fox-tail ſending Roots from its Branches ends
8. *The Swamps in Virginia, Penſylv. and Carol.*

ORDO II.

9. Juniper } leaved { ſingle footleſs Spikes, *Pl* 63
10. Fine } leaved { curl'd Shrub ſhort-drooping Clubs

9. *On high Mountains, Rhiwr Glyder, and Llyn y own.*
10. *On the Roots of Trees in Rocks in both Indies & the Iſlands under the Tropics, & St. Hel.*
11. Sharp ſquare-ſpiked hoary Rock
11. *On Rocks in Virginia and Penſylvania.*

GENUS XV. *Porella.*

Blunt finn'd, *from Penſylvania.* *Plate* LXVIII.

GENUS XVI. *Selaginoides.*

Prickly ſeeding Mountain Moſs, *in wet Places and Springs in the Mountains, among Stones on Cader Ideris, Snowdon, Glyder, Towyn, Trewan in Angleſea, Ingleborough. July, Aug. Sept.*

GENUS XVII. *Lycopodioides.* ORDO I.

1. A. } Creeping { ſcaly, *Plate* LXVI.
1. B. } Creeping { finn'd Bird's-feet Leaves
2. } Creeping { dented with { ſlender footed ſpikes, *Pl.* 64
3. } Creeping { dented with { footleſs ſpikes

1. A. *A ſcarce Plant found only in hot Climates.*
1. B. *Malabar, Zeylon and China*
2. *On the Alps. Not yet diſcovered in England.*
3. *In low moiſt Places n. the Rivers in Penſylvania, Virginia and Carolina.*

ORDO II.

4. Shrubby looſe naked Spikes
5. Larger upright
6. } Upright { Acacia-leav'd } Fern { dented Leaves, *Pl.* 65.
7. } Upright { ſmall } Fern { dented Leaves

5. *On the Continent and Iſlands of America.*
6. *On the Coaſt of Malabar and other Parts of Eaſt-India.*
7. *From China.*

8. Spleenwort } leaved, *Plate* LXVI.
9. Forked Yew } leaved, *Plate* LXVI.

8. *From Fort St. George in Eaſt-India.*
10. Smaller forked ſtiff dented Leaves.
10. *In the Woods in the Iſland Dominica.*
11. Scaly curled Points
11. *From Eaſt-India.*
12. Spreading forked, *Plate* LXVII.
12. *From Penſylvania.*

GENUS XVIII. *Anthocerus.*

1. Common ſmaller and more } divided, *Plate* 68
2. Larger and leſs } divided, *Plate* 68

1. *At Middleton-tire, and in a Lane a Mile from Heptemſtall, at Greenwood-Lee, Torſh. Woolwich Heath, near Farnhurſt Suſſex, near Noſted within a Mile of Petersfield Hampſhire, and at Knot-mill Dam, Lancaſh.*
3. Narrow-leaved ſhort Flower, *from Italy.*
4. Fine-cut leaved
5. Muſhroom headed Moſs, *on the Banks of the Volga not far from Aſtracan.*

GENUS XIX. *Lichenaſtrum.* ORDO I. SERIES I.

1. Purple ſpoon-leaved Alpine, *Plate* LXIX.
1. *On Cader Ideris, Snowdon and Glyder.*
2. Upright branched very ſmall round } Leaves
3. Scorpion-tail fine fringed } Leaves

2. } *From Greenland.*
3. }

4. Leaſt fine-leaved many Flowers, *Shooter's-hill.*

SERIES II. DIVISIO I. SUB-DIVISIO I.

5. } Spleenwort like { thin } ſet Leaves
6. } Spleenwort like { thick } ſet Leaves

5. } *In moiſt ſhady Places in Woods.*
6. }

7. Trichomanes like Flowers from middle & bottom
7. *On ſhady Hedge banks, in Woods, wet Places, about Slinfold Suſſex, April.*
8. From St. Winifred's Well
8. *Dartmore Cornwall, and in Devonſhire.*
9. Short creeping } Trichomanes-like { many-flowers
10. Small } Trichomanes-like { Flower at the Ends.

9. *In wet Places on Lead-hill Surry, and in a Brook near Darking half way to Cold-Harb.*
10. *In moiſt ſhady Places, Wint. and Spring.*

SUB-DIVISIO II.

11. Larger hollow } double { blunt points *Pl.* LXX.
12. Small } double { blunt points *Pl.* LXX.
13. Smalleſt } ſnipt { beſides ſwollen Sheaths
14. Micheli's leaſt } ſnipt { ſharp Points

11. } *Heaths, Woods, ſhady Banks, Oct. & Nov.*
12. }
13. *In ſhady moiſt Places.*

15. Triple ſnipt many Branches
16. Sharp notched
15. *Snowdon, Summer.* 16. *Caernarvon.*
17. Large } ear'd { unnotched } Leaves *Pl.* LXXI.
18. Small } ear'd { notched } Leaves
19. Round } ear'd { thick ſet } Leaves
20. Flat } ear'd { narrow crooked } Leaves
21. Hairy } ear'd { Birds-feet } Leaves
18. *About Giſſa, not found by Dillenius in Eng.*
19. *More frequently on Rocks than in other places.*
20. *In Woods and ſhady Places.* 21. *Snowdon.*
22. Jointed three blunt Snips, *Wales.*
23. Large } many ſnipt flowering { Points at the Bottom
24. Small } many ſnipt flowering { Points at the Bottom
23. *In the Woods about Giſſa, near Tunbridge, in Weſt Yorkſhire, and from Canada.*
24. *In ſhady Walks, on the Sides of Ditches, and Banks of Heaths in Giſſa, Hampſtead, Highgate, Woolwich.*
25. Finn'd Fern-like, *from Patagonia.*

SERIES III. DIVISIO I.

26. Large flat } Scaly *Plate* LXXII.
27. Small convex } Scaly
26. *On Trunks of Trees, in Hedges and Buſhes in damp places.*
27. *On the Bark of Trees near Oxford, early in the Spring.*
28. Leaſt flat grey-ſcaly, *Bagley Wood near Oxford.*
29. Micheli's leaſt of all Rupture-wort } leaved
30. Micheli's leaſt pounced } leaved
29 *and* 30. *Roots of Trees.*

DIVISIO II.

31. Scaly reſembling French Tamariſk.
31. *On Trees and Rocks more in the North than South of England.*
32. Leſs round } leav'd { Arbor-Vitæ-like
33. Rounder } leav'd { Arbor-Vitæ-like
32. *In the Woods near Oxford, and from Penſylvania and Virginia, March and April.*
33. *On Trees.*
34. Scaly curled Fern-like Branches, *from Patagonia.*

SERIES IV.

35. Handſome woolly Fern-like *Plate* LXXIII.
35. *In wet moſſy Places near Rivers, at Old Fall between Highgate and Muzzle Hill, in the weſt of Yorkſhire, about Chicheſter in Suſſex, and near Darking in Surry.*
36. Variouſly leaved, *in Woods and ſhady Heaths in Spring.*
37. Leaſt hairy flowering at the Points, *in Gleibergen Foreſt, not found by Dillenius in England.*
38. Alpine reſembling the ſilver Bryum
38. *Cader Ideris, Snowdon and Glyder, Aug.*
39. Chocolate colour'd Alpine, ſcaly Sheaths
39. *Snowdon and Llanberris in the hollow Parts of Rocks, Aut.*
40. Duſky Alpine, fine reflected Leaves
40. *Snowdon and Glyder latter End of Summer.*

ORDO II.

41. Broad-leaved round-headed, *Plate* LXXIV.
41. *In ſhady Places near Rivers at all Times.*
42. Jagged long Sheaths and Heads
42. *In Marſhes about London and Oxf. April.*
43. Delicate cut, *on one Spot on Charlton-Heath only in England by Dillenius, March and April, by Doodius in Cane-Wood near Highgate.*
44. Jagged Germander-like, *at the Head of Elm-Cragg-Well under Bill-Bank.*
45. Thin forked round hairy Sheaths
45. *On the Earth, Rocks, and Trees in Woods, Spring.*
46. Little round black ſhining Heads growing out of ſmall Cups
46. *Near Giſſa, and Woolwich Heath, March.*

ORDO III.

47. Floating forked, *on ſtanding Waters.*
48. Ulva poluſtris ramoſo folioſa
49. Jungermannia, caule ramoſa ſurculis compreſſis foliis imbricatis ſerie duplici ovato-acutis ciliatis
50. Jungermannia caule ſimplici, foliis ovatis margine reflexis undique laxe imbricatis.

GENUS XX. *Lichin.* ORDO I. *Lichenis Pileate.* *Plate* LXXV.

1. Common } Muſhroom-headed Liverwort with { notched } Leaves
2. Small } Muſhroom-headed Liverwort with { narrow forked } Leaves
3.
1. *On ſhady Banks near Rivers, ſometimes on Stones, in England and Germany.*
2. *In Suffolk, near Petersfield Hampſhire, and a Mile from Darking Surry, April & May.*
3. *From Florence and Jamaica.*
4. Small chanell'd } Liverwort { fringed Caps
5. Croſs-headed } Liverwort { Seed-bearing leaves
4. *From Virginia.*
5. *In ſhady Places from the Earth & upon Walls.*

ORDO II. *Lichenes radiati ſea Stellati.*

6. Great } Star-headed Water-Houſe Liverwort { *Plate* } LXXVI.
7. Small } Star-headed Water-Houſe Liverwort { *Plate* } LXXVII.
6. *In wet, ſhady and open Places near Wells and Springs.*
7. *On the Interſtices of Walls and Stones towards the North, and in ſhady Quarters neglected, behind Houſes.*

8. Plumiers

8. Plumier's Lichen, with Heads reſembling a Duck's Foot, *from Martinico.*

ORDO III. *Quorum flores & fructus bene perſpecti non ſunt.*

9. Liverwort with Grains like Orobus Seeds, *Pl.* 78. 9. *In Italy and Conſtantinople, not ſeen by Dillen.*
10. Ray's ſmall Star-ſpread Liverwort, with blunt divided Leaves, on *Woolwich-heath, March.*
11. The leaſt Star-ſpread Liverwort, with ſharp divided Leaves, *n. Hangeſt. For. & on Blackheath.*
12. The Rue-cut Lichen.
13. Micheli's ſmall narrow leaved Liverwort, with plain Segments.
14. Micheli's leaſt Liverwort, with blunter and ſhorter channelled Segments.
15. Micheli's bigger chequered Liverwort.
16. Micheli's middle-ſized Liverwort, with deep channelled Leaves.
17. Micheli's little round-headed Liverwort. 17. *From Florence, not ſeen by Dillenius.*
18. Buddle's Heart-cut Water Liverwort, with fringed Leaves.
19. Saxatilis latifolius viridis, corinum carchariæ piſcis referens, ad foliorum apices exanthemata ſua condens.
20. Ychcacalotic, ſeu Vas Goſſypinum, *from Mexico.*

APPENDIX.

Pilularia.

Ruſh-leaved Pillwort. Pepper-Graſs. Pepper-Moſs, *near Petersfield, Streatham, Hownſlow, Alderburg. Pl.* LXXIX.

1. The ſhort and thick-leaved Quillwort, *Pl.* 80. 1. *Found only in Wales.*
2. The long and ſlender leaved Quillwort, or Merllyn's Graſs, *in the Lakes near Llanberris and Llyn Ogwan at the Bottom of the Water.*

Sublularia.

The creeping Sublularia, with Leaves flat on the inſide and round on the other, *Pl.* 81. *Under Water in the Lakes near Llanberris, Snowdon and Glyder.*

SPECIES NOVÆ.

1. The ſhort-pointed open Coralloides, *Pl.* 82. 1. *In dry Places from Penſylvania.*
2. The ſandy blueiſh Lichenoides, with black Warts, *Rocks in Penſylvania.*
3. The hairy Lichenoides with large perforated Diſhes.

FINIS.

GENUS I. *Byſſus.* SPECIES I. *Tab.* I.

1. LAtiſſima, papyri inſtar ſuper aquam expanſa.
2. Candidiſſima, calcis inſtar Muſcos veſtiens.
3. Pulverulenta incana, farinæ inſtar ſtrata.
4. Pulverulenta flava, lignis adnaſcens.
5. Botryoides, ſaturate virens.
6. Lanuginoſa violacea, lignis adnaſcens.
7. Lanuginoſa æruginoſa.
8. Subpurpurea Lichenis facie, Lauri corticibus conſtanter innaſcens, filamentis breviſſimis, invicem implexis & colligatis.
9. Evanida, floccoſa, nivea.
10. Membranea piloſa.
11. Sericea ex viridi nigricans, filamentis brevibus, partim bifidis, partim integris.
12. Tenerrima, murina, doliaris.
13. Sulphurea, Lichenis facie, tenuiſſima ac denſiſſima, filtrum & pannum laneum textura ſimulans.
14. Tenerrima viridis, velutum referens.
15. Tenerrime villoſa & elegantiſſime ramuloſa.
16. Petræa crocea, glomerulis lanuginoſis.
17. Arborea crocea fibroſa.
18. Petræa nigerrima, fibroſa.
19. Arborea barbata, fulvi coloris.
20. Albida brevis ſetacea.

GENUS II. *Conferva.* *Tab.* II.

ORDO I. *Confervæ æquabili filo protenſæ ſeu non geniculatæ.*

SERIES I. *Species ſimplices ſeu non ramoſæ.*

1. Fluviatilis ſericea, vulgaris & fluitans.
2. Paluſtris ſericea, craſſior & varie extenſa.
3. Minima Byſſi facie.
4. Mucoſa, confragoſis rivulis inaſcens.
5. Gelatinoſa, omnium tenerrima & minima, aquarum limo inaſcens.
6. Capillacea, filamentis bifidis & trifidis.

SERIES II. *Confervæ ramoſæ.*

7. Capillacea, ſerici candidi inſtar nitens.
8. Marina fœniculacea.
9. Dichotoma, ſetis porcinis ſimilis. *Tab.* III.
10. Paluſtris, filamentis brevioribus & craſſioribus.
11. Paluſtris bombycina.
12. Marina tomentoſa, tenerior & albicans.
13. Marina tomentoſa, minus tenera & ferruginea.
14. Reticulata Doody. *Tab.* IV.
15. Rivulorum capillacea, denſiſſime congeſtis ramulis.
16. Fluviatilis fibrilloſa, ſubrigida.
17. Amphibia, fibrilloſa & ſpongioſa.
18. Fluviatilis brevis, extremis ramulis creberrime & tenuiſſime diviſis.
19. Marina capillacea longa, ramoſiſſima, mollis.
20. Marina capillacea brevis, viridiſſima mollis.
21. Marina per brevis, villoſa & cirroſa.
22. Marina cancellata.
23. Marina pennata.
24. Marina lubrica & mucoſa.

ORDO II. *Confervæ geniculatæ.*

25. Filamentis longis geniculatis ſimplicibus. *Tab.* V.
26. Ramoſa, filamentis geniculatis brevioribus.
27. Ramoſa, geniculis longioribus cateniformibus.
28. Fluviatilis trichodes, extremitatibus ramoſis.
29. Marina trichodes ramoſior.
30. Marina trichodes, ramoſiſſima, ſparſa.
31. Fontalis ramoſiſſima, glomeratim congeſta.
32. Marina trichodes, lanæ inſtar expanſa.
33. Trichodes virgata, ſericea.
34. Fluviatilis, ſericea, tenuis. *Tab.* VI.
35. Marina geniculatæ, nigra, palmata.
36. Marina gelatinoſa, Corallinæ inſtar geniculata, craſſior.
37. Marina gelatinoſa, Corallinæ inſtar geniculata, tenuior.
38. Marina geniculata ramoſiſſima lubrica, longis ſparſiſue ramulis.
39. Marina fiſtuloſa.

ORDO III. *Confervæ nodoſæ.*

40. Marina Nodoſa lubrica, ramoſiſſima & elegantiſſima rubens. *Tab.* VII.
41. Marina nodoſa, Coralloidis montani inſtar ramoſa.
42. Fontana nodoſa, ſpermatis ranarum inſtar lubrica, major & fuſca.
43. Fontana nodoſa, ſpermatis ranarum inſtar lubrica, minor & viridis.
44. Stagnatilis, globulis vireſcentibus mucoſis.
45. Alpina lubrica, filamentis nodoſis cæruleis.
46. Fontana nodoſa lubrica, filamentis tenuiſſimis nigris.
47. Fluviatilis lubrica ſetoſa, Equiſeti facie.
48. Fluviatilis nodoſa, Fucum æmulans.

GENUS III. *Tremella.*

1. Margina vulgaris, Lactucæ ſimilis. *Tab.* VIII.
2. Paluſtris, vulgari marinæ ſimilis, ſed minor & tenerior.
3. Marina umbilicata.
4. Marina, Calendulæ folio atro-virente & verrucoſo. *Tab.* IX.
5. Marina, Porri folio.
6. Marina faſciata.
7. Marina tubuloſa, inſteſtinorum figura.
8. Marina tenuiſſima & compreſſa. *Tab.* X.
9. Marina cæſpitoſa, ſegmentis tenuibus.
10. Paluſtris gelatinoſa, Damæ cornuum facie.
11. Paluſtris gelatinoſa tenerrima, Muſci filicifolii facie.
12. Terreſtris tenera, criſpa
13. Terreſtris cornuta.

14. Terreſtris ſinuoſa, pinguis & fugax.
15. Arborea nigricans, minus pinguis & fugax.
16. Fluviatilis gelatinoſa & uterculoſa.
17. Paluſtris, veſiculis ſphæricis fungiformibus.

GENUS IV. *Uſnea.*

1. Vulgaris, loris longis implexis. *Tab.* XI.
2. Loris longis dichotomis, extremitatibus tenuiorlbus
3. Loris longis dichotomis, extremitatibus craſſioribus.
4. Capillacea & nodoſa.
5. Mollis, ramis longis compreſſis. *Tab.* XII.
6. Barbata loris tenuibus fibroſis.
7. Jubata nigricans.
8. Lanæ nigræ inſtar ſaxis adhærens. *Tab.* XIII.
9. Cæſpitoſa exilis, capillacea, atra.
10. Rigida, horſum vorſum extenſa.
11. Nigra ſetæ equinæ facie, parum ramoſa.
12. Vulgatiſſima tenuior & brevior, ſine orbiculis.
13. Vulgatiſſima tenuior & brevior, cum orbiculis.
14. Ceratoides candicans, glabra & odorata.
15. Dichotoma compreſſa, ſegmentis capillaceis teretibus.
16. Capillacea citrina, fruticuli ſpecie.
17. Pulmonarius minimus ſubluteus, receptaculis florum coronatis, mali aurantii coloris.
18. Saxatilis minimus nigerrimus, capillaceus.
19. Arborum nigerrimus, vix conſpicuus.

GENUS V. *Coralloides.*

ORDO I. *Coralloidis ſpecies fungiformes, non tubuloſæ, nec ramoſæ.*

1. Fungiforme carneum, baſi leproſa. *Tab.* XIV.
2. Fungiforme fuſcum, baſi foliacea.
3. Fungiforme arboreum nigrum, vix cruſtoſum.
4. Fungiforme ſaxatile pallide fuſcum.
5. Fungiforme ex ungula equina, livide rubeſcens.

ORDO II. *Coralloides ſpecies ſcyphiformes, tubuloſæ, ſimplices & proliferæ*

SERIES I. *Scyphis perfectioribus.*

6. Scyphiforme, tuberculis fuſcis.
7. Scyphiforme, tuberculis coccineis.
8. Scyphiforme, gracile marginibus ſerratis.
9. Scyphiforme, marginibus radiatis & foliatis.
10. Scyphis gracilibus tubiformibus, Pedicularis folio.
11. Scyphis humilibus, intus fuſcis.
12. Scyphiforme, foliis alcicorniformibus cartilaginoſis.
13. Scyphiforme ſerratum elatius, caulibus gracilibus glabris.

SERIES II. *Species ſcyphis imperfectis.*

14. Vix ramoſum, ſyphis obſcuris. *Tab.* XV.
15. Scyphiforme, oſſis femoris facie.
16. Scyphiforme cornutum.
17. Cornucopioides incanum, ſcyphis criſtatis.
18. Craſſius ſubincanum, calicibus dentatis.
19. Ramuloſum, tuberculis coccineis.
20. Parum ramoſum, tuberculis fuſcis.

ORDO III. *Coralloidis ſpecies ramoſæ fruticuli ſpecie, ſummitatibus acutis, multifariam diviſis.*

SERIES I. *Species tubuloſæ.*

21. Perforatum majus, molle & craſſum. *Tab.* XVI.
22. Perforatum minus, molle & tenue.
23. Pulchrum, geniculis acetabuliformibus criſpifolioſis.
24. Imperforatum corniculis breviſſimis criſpis.
25. Sparſum, caulibus tortuoſis & ſpinoſis.
26. Corniculis longioribus & rarioribus.
27. Corniculis brevioribus & crebioribus.
28. Minimum fragile, Madreporæ inſtar naſcens.
29. Montanum fruticuli ſpecie, ubique candicans.
30. Fruticuli ſpecie candicans, corniculis rufeſcentibus.

SERIES II. *Species, fruticuli ſpecie, ſolidæ, ſeu non tubuloſæ.*

31. Fruticuli ſpecie fuſcum, ſpinoſum. *Tab.* XVII.
32. Tenuiſſimum nigricans, mundi muliebris inſtar textum.
33. Criſpum & botryforme Alpinum.
34. Alpinum, Corallinæ minoris facie.
35. Cupreſſiforme, capitulis globoſis.
36. Corallii minimi facie.
37. Corniculatum, Fuci tenuioris facie.
38. Faſciculare verrucoſum & veluti ſiliquoſum.
39. Corniculatum faſciculare tinctorium, Fuci teretis facie.

GENUS VI. *Lichenoides.*

ORDO I. *Lichenoidis ſpecies aphyllæ, mere cruſtaceæ.*

SERIES I. *Species tuberculoſæ.* Tab. XVIII.

1. Cruſta tenuiſſima, peregrinis velut litteris inſcripta.
2. Punctatum & rugoſum nigrum
3. Leproſum, cruſta cinereo-vireſcente, tuberculis nigerrimis.
4. Leproſum, tuberculis fuſcis & ferrugineis.
5. Nigro flavum, tabulæ Geographicæ inſtar pictum.
6. Tuberculoſum amœne purpureum.
7. Tuberculoſum compreſſum nigrum, lignis putridis adnaſcens.
8. Tartareum tinctoreum candidum, tuberculis atris.

SERIES II. *Species ſcutellatæ, id eſt orbiculos proferentes margine cinctos, nunc parum, nunc plus excavatos, ſcutellæ vel acetabuli inſtar.*

9. Verrucoſum & rugoſum, cinereum glabrum.

10. Le-

10. Leprosum tinctorium, scutellis lapidum cancri figura.
11. Candidum & farinaceum, scutellis fere planis.
12. Tartareum farinaceum, scutellarum umbone fusco.
13. Crustaceum & leprosum, acetabulis majoribus lutais, limbis argenteis.
14. Tartareum lividum, scutellis rufis, margine exili.
15. Crustaceum & leprosum, scutellis nigricantibus majoribus & minoribus.
16. Crustaceum & leprosum, scutellis subfuscis.
17. Crustosum orbiculare incanum.
18. Crustosum orbiculis & scutellis flavis.

ORDO II. *Species foliosæ.*

SERIES I. *Species gelatinosæ tuberculosæ & scutellatæ.*

19. Maritinum gelatinosum crassum, intestinorum gyros referens. *Tab.* XIX.
20. Gelatinosum membranaceum, tenue, nigricans.
21. Gelatinosum tenue reticulatum.
22. Gelatinosum lobis crassioribus fusco-viridibus.
23. Gelatinosum atro-virens, crispum & rugosum.
24. Gelatinosum atro-virens, auriculatum & granosum.
25. Gelatinosum fuscum, Jacobæ maritimæ divisura.
26. Gelatinosum foliis imbricatis & cristatis.
27. Gelatinosum palmatum, tuberculis conglomeratis.
28. Gelatinosum foliis angustioribus tuniformibus.
29. Gelatinosum foliis latioribus tuniformibus.
30. Pellucidum fuscum corniculatum.
31. Pellucidum, Endiviæ foliis tenuibus crispis.
32. Pellucidum, Lactucæ folio sinuoso.
33. Tenue crispum, foliis parvis depressis.
34. Tenue crispum, foliis exiguis surrectis.
35. Tenuissimum crispum & veluti aculeatum.
36. Lichen pulmonarius gelatinosus fuscus, arboribus adnascens parvus, crassus & crispus, receptaculis florum.
37. Lichen pulmonarius gelatinosus crassior & mollior, crispus rugosissimus, e griseo subfuscus, receptaculis florum.
38. Lichen pulmonarius gelatinosus parvus, foliis crassis cristatis, e gilvo sordide virescentibus, receptaculis florum concoloribus.

SERIES II. *Species aridiores & exsuccæ, scutellatæ.*

DIVISIO I. *Scutellis pediculo insidentibus.*

39. Glaucum perlatum, subtus nigrum & cirrosum. *Tab.* XX.
40. Pulmonarius latifolius, inferne albidus, superne cinereus, receptaculis florum concoloribus.
41. Pulmonarius minor cinereus flabelliformis, limbo superna parte repando.
42. Glaucum, foliorum laciniis crinitis.
43. Platyphyllum, marginibus crinitis.
44. Patellis amplis.
45. Hispidum majus & rigidius, scutelis nigris.
46. Hispidum minus & tenerius, scutellis nigris.
47. Quod Lichen pulmonarius minimus, arboribus innascens, ad margines radicatus, superne cinereo-fuscus, inferne anthracinus, receptaculis florum fuscis.
48. Quod Lichen Pulmonarius minimus, arboribus innascens, ad margines radicatus, desuper cinereus, subtus albus, receptaculis florum fuscis.
49. Ceratophyllon obtusius & minus ramosum.

DIVISIO II. *Species scutellis sessilibus & arcte foliis adnascentibus.*

SUB-DIVISIO I. *Foliis a truncis & ramis arborum, vel a saxis extantibus, nunc angustioribus, nunc latioribus, scutellis unicoloribus, præter* 51. 52. 53. *species.*

50. Angustifolium planum, crinibus nigris. *Tab.* XXI.
51. Subhirsutum teres, scutellis parvis nigris.
52. Cornutum amarum, superne cinereum, inferne nigrum.
53. Corniculatum album subspinosum, scutellis flavescescentibus.
54. Corniculatum candidom molle, segmentis angustis.
55. Cornutum bronchiale molle, subtus incanum.
56. Lacunosum candidum glabrum, Endiviæ crispæ facie.
57. Lacunosum lacerum, latius & angustius.
58. Membranaceum, tubæ Fallopianæ æmulum. *Tab.* XXII.
59. Longifolium, rugosum, rigidum.
60. Fuciforme tinctorium, corniculis brevioribus & obstusioribus.
61. Fuciforme tinctorium, corniculis longioribus & acutioribus. *Tab.* XXIII.
62. Coralliforme rostratum & canaliculatum.
63. Segmentis argutioribus, ad margines verrucosis & pulverulentis.
64. Quod Lichen pulmonarius Alpinus cinereus-durior, segmentis crebris, ad extremitatem tenuissime divisis.
65. Quod Lichen pulmonarius mollior, cinereo-rufescens, segmentis latioribus, receptaculis florum peramplis.
66. Quod Lichen pulmonarius cinereus mollior, segmentis latioribus varie divisis, receptaculis florum rufescentibus.
67. Quod Lichen terrestris fuscus, hirsutie asper, receptaculis florum atro-rufis coronatis.

DIVISIONIS II.

SUB-DIVISIO II. *Foliis arcte adnascentibus angustioribus, scutellis nunc unicoloribus, nunc bicoloribus.*

68. Tenuissimum, scutellis exiguis miniatis. *Tab.* 24.
69. Angustifolium fuscum, scutellis pullis.
70. Cinereum segmentis argutis stellatis, scutellis nigris.

71. Glau-

71. Glaucum orbiculare, ſegmentis latiuſculis, ſcutellis nigris.
72. Viride, ſegmentis anguſtus diſtortis, ſcutellis pullis.

SUB-DIVISIO III. *Foliis arcte adnaſcentibus mediocriter latis, dempta ſpecie* 81.

73. Tenue & molle, Agarici facie.
74. Cartilagineum, ſcutellis fulſis planis.
75. Imbricatum viridans, ſcutellis badiis.
76. Vulgare ſinuoſum, foliis & ſcutellis luteis. *Tab.* 24.
77. Olivaceum, ſcutellis lævibus.
78. Olivaceum, ſcutellis amplioribus verrucoſis.
79. Acetabulis cutaneis & rugoſis.
80. Saxatile tinctorium, foliis piloſis purpureis.
81. Tinctorium atrum, foliis minimis criſpis.
82. Tinctorium Glabrum, veſiculoſum.
83. Vulgatiſſimum cinereo-glaucum, lacunoſum & cirroſum.

DIVISIONIS II.

SUB-DIVISIONIS II. & III. *Species videntur ſequentes a Michelio memoratæ, quæ mihi nondum innotuerunt.*

84. Lichen pulmonarius craſſus ſuperne e cinereo plumbeus, toroſus ac filamentoſus, inferne albus & villoſus, receptaculis florum ex rubro ferrugineis.
85. Lichen pulmonarius minor, ſuperne cinereus, inferne nigricans, receptaculis florum atro-rubeis, externa parte verrucoſis.
86. Lichen pulmonarius minor, tenuitur diviſus, inferne albidus, ſuperne cinereus, receptaculis florum obſolete gilvis.
87. Lichen pulmonarius querno folio, inferne nigricans, ſuperne cinereus, receptaculis florum ſordide vireſcentibus.
88. Lichen pulmonarius Alpinus, inferne nigerrimus, ſuperne pulchre cinereus, receptaculis florum obſolete ſpadiceis.
89. Lichen pulmonarius ſaxis & arboribus adnaſcens, inferne nigricans, ſuperne obſcurus, receptaculis florum concoloribus.
90. Lichen pulmonarius ſaxatilis, tenuiter & eleganter diviſus, inferne cirroſus & anthracinus, deſuper obſcure fuſcus & veluti rugoſus, receptaculis florum fuſcis.
91. Lichen pulmonarius ſaxatilis farinaceus major, foliis craſſis ſubrotundis e cinereo vireſcentibus, inferne albis, receptaculis florum ſubruſis.
92. Lichen pulmonarius ſaxatilis farinaceus, foliis brevibus, inferne albis, deſuper, e cinereo vireſcentibus, receptaculis florum rufis.
93. Lichen pulmonarius ſaxatilis farinaceus, glauco-vireſcens, anguſtioribus ſegmentis, receptaculis florum griſeis.
94. Lichen pulmonarius ſaxatilis, ex albo ſubcinereus, foliis pulpoſis pulverulentis, receptaculis florum griſeo-rufis.
95. Lichen pulmonarius ſaxatilis farinaceus albus, foliis pulpoſis, ad extremitatem magis complanatis, receptaculis florum cinereis.

SUB-DIVISIO IV. *Foliis arcte adnaſcentibus latioribus.*

96. Endiviæ foliis criſpis & ſplendentibus, ſubtus nigricantibus. *Tab.* XXV.
97. Caperatum, roſacee expanſum, e ſulphureo, virens.
98. Læte virens, ſcutellis fulvis.
99. Subglaucum cumatiler foliis tenacibus, eleganter laciniatis. *Tab.* XXVI.
100. Fuliginoſum & pulverulentum, ſcutellis rubiginoſis.

SERIES III. *Species aridiores peltatæ & clypeatæ, bracteis nunc oblongis, nunc rotundis, vel planis, vel convexis, non cavis, nec limbo, ſcutellarum inſtar, cinctis.*

DIVISIO I. *Foliorum marginibus aut eorum appendicibus peltis totis adnatis, i. e. peltis per limbos inferiores affixis.*

101. Polyſchides villoſum & ſcabrum, peltis parvis. *Tab.* XXVII.
102. Digitatum cinereum, Lactucæ foliis ſinuoſis.
103. Digitatum rufeſcens, foliis Lactucæ criſpis.
104. Subfuſcum, peltis horizontalibus planis. *Tab.* 28.
105. Fuſcum, peltis poſticis ferrugineis.
106. Digitatum læte virens, verrucis nigris notatum.
107. Cinereum polydactylon.
108. Membranaceum pellucidum, peltis digitatis geminatis.
109. Parvum vireſcens, peltis nigricantibus planis.
110. (Peltatum forte) terreſtre vireſcens, orbiculatis minimis foliis.
111. Rigidum, Eryngii folia referens.
112. Eryngii folia referens, tenuioribus & criſpioribus foliis.

DIVISIO II. *Species pileatæ, ſeu quarum peltæ pediculo breviſſimo, earum medio inſerto, inſident.*

113. Pulmoneum reticulatum vulgare, marginibus peltiferis. *Tab.* XXIX.
114. Pulmoneum villoſum, ſuperficie ſcrobiculata & peltata.
115. Damæ cornua referens, ſubtus ſpongioſum.
116. Corneum, marginibus eleganter fimbriatis.

DIVISIO III. *Species quarum peltæ abſque pediculo foliorum plano adnaſcuntur.*

117. Coriaceum cinereum, peltis atris compreſſis. *Tab.* XXX.
118. Rugoſum durum pullum, peltis atris verucoſis.
119. Atrum corii Perſici inſtar exaſperatum.
120. Subtus croceum peltis appreſſis.
121. Lichenis facie, peltis acetabulis immerſis.

SERIES IV. *Species peltatæ mihi non perſpectæ, ex Flora Lapponica & Michelii Nov. Gener.*

122. Folio ſubrotundo peltato, margine fere integro, ſubtus maxime hirſutus.

SERIES V. *Species, quarum vel peltæ vel ſcutellæ latent, aut nondum obſervatæ fuerunt.*

127. Coriaceum nebuloſum cinereum punctatum, ſubtus fulvum.
128. Imbricatum luridum.
129. Tenue pullum, foliis utrinque glabris.
130. Pullum ſuperne & glabrum, inferne nigrum & cirroſum.
131. Puſtulatum cinereum & veluti ambuſtum.
132. Quod Lichen pulmonarius ſaxatilis minimus fulvus, foliis pulpoſis.
133. Quod Lichen pulmonarius terreſtris clypeatus minimus & indiviſus, vireſcens.
134. Quod Lichen pulmonarius ſaxatilis viridis, foliis vix conſpicuis, ſquamatim ſibi incumbentibus, receptaculis Florum nigris.
135. Glaucum, ſquamis craſſis, breviſſimis.

GENUS VII. *Mnium.*

ORDO I. *Species erectæ.*

1. Peranguſtis & brevibus foliis. *Tab.* XXXI.
2. Serpilli foliis tenuibus pellucidis.
3. Majus, ramis longioribus bifurcatis.
4. Majus, minus ramoſum, capitulis pulverulentis crebrioribus.

ORDO II. *Mnii Species repentes.*

5. Trichomanis facie, foliolis integris.
6. Trichomanis facie, foliolis bifidis.
7. Lichenis facie.
8. Ramis brevibus, inordinate progredientius.

GENUS VIII. *Sphagnum.*

ORDO I. *Species cauliferæ & ramoſæ.*

1. Sphagnum paluſtre molle deflexum, ſquamis cymbiformibus. *Tab.* XXXII.
2. Paluſtre molle deflexum, ſquamis capillaceis.
3. Subulatum viridiſſimum, capſulis ovatis.
4. Subhirſutum, obſcure virens, capſulis rubellis.
5. Nodoſum, hirſutum & incanum.
6. Heteromallum polycephalum.
7. Pennatum planum.
8. Pennatum undulatum, vagina piloſa.
9. Pennatum undulatum, vagina ſquamoſa.

ORDO II. *Species Seſſiles ſeu caulibus & ramis carentes*

10. Acaulon trichodes.
11. Acaulon bulbiforme, majus.
12. Acaulon bulbiforme, minus.
13. Acaulon maximum, foliis in centro ciliaribus.

GENUS IX. *Fontinalis.*

1. Triangularis major complicata, e foliorum aliis capſulifera. *Tab.* XXXIII.
2. Triangularis minor carinata, e cymis capſulifera.
3. Squamoſa tenuis ſericea, atro-virens.
4. Parva, foliis lanceolatis.
5. Capillacea, calycibus ſtili inſtar cuſpidatis.

GENUS X. *Hypnum.*

ORDO I. *Species capſulis erectis, vel paulum ſaltem inclinatis.*

SERIES I. *Species pennatæ, quarum pinnæ duobus, interdum tribus, verſibus in eodem plano ſitæ ſunt.*

DIVISIO I. *Pinnis planis lævibus.*

1. Taxiforme exiguum, verſus ſummitatem capſuliferum. *Tab.* XXXIV.
2. Taxiforme minus, baſi capſulifera.
3. Taxiforme paluſtre ramoſum, majus & erectum.
4. Pinnulis Acaciæ, ſetis breviſſimis.
5. Denticulatim pennatum, pinnulis duplicatis recurvis.
6. Denticulatim pennatum, pinnulis ſimplicibus rectioribus.
7. Pennatum compreſſum & ſplendens, capſulis ovatis.
8. Pennatum, trichomanoides, ſplendens, ramoſum.
9. Pennatum, Ornithopodii pinnulis pellucidis.
10. Pennatum aquaticum lucens, longis latiſque foliis.

DIVISIO II. *Pinnis undulatis & criſpis.*

11. Pennatum undulatum, Lycopodii inſtar ſparſum.
12. Pennatum, undulatim criſpum, ſetis & capſulis brevibus.

SERIES II. *Species filicinæ, foliis undique cinctæ, ramis in eodem plano poſitis, ſitu Filicibus ſimili.*

13. Filicinum, Tamariſci foliis majoribus ſplendentibus. *Tab.* XXXV.
14. Filicinum, Tamariſci foliis minoribus, non ſplendentibus.
15. Repens filicinum, triangularibus parvis foliis, prælongum.
16. Repens filicinum plumoſum.
17. Luteſcens, alis ſubulatis tenacibus.
18. Cæſpitoſum filamentoſum, minimum ſubflavum. *Tab.* XXXVI.
19. Repens filicinum criſpum.
20. Filicinum, criſtam caſtrenſem repræſentans.
21. Repens filicinum, trichodes paluſtre.
22. Filicinum ſericeum, molle & pallidum mucronibus aduncis.

SERIES III. *Species ſquamoſæ, i. e. foliis ſquamatim caules & ramos undique cingentibus.*

DIVISIO I. *Foliis & ramorum extremitatibus aduncis.*

23. Criſpum cupreſſiforme, foliis aduncis. *Tab.* 37.
24. Luteſcens criſpum, Lycopodii facie.
25. Hypnum ſcorpioides paluſtre magnum, Lycopodii inſtar ſparſum.
26. Paluſtre erectum, ſummitatibus aduncis.

27. Heterophyllum aquaticum, polycephalum, repens.

DIVISIO II. *Species ſquamoſæ dentatæ.*

SUB-DIVISIO I. *Foliis extantibus, latioribus & anguſtioribus.*

28. Vulgare triangulum maximum & pallidum. *Tab.* XXXVIII.
29. Dentatum vulgatiſſimum, operculis obtuſis.
30. Vulgare dentatum, operculis cuſpidatis.
31. Foliis ruſciformibus, capſulis ſubrotundis.
32. Aquaticum prolixum, foliis ovatis.
33. Erectum, aut fluitans, foliis oblongis peranguſtis acutis.
34. Paluſtre extremitatibus cuſpidatis & pungentibus. *Tab.* XXXIX.
35. Coma luteſcente, extremitatibus ſtellatis.
36. Paluſtre erectum, coma lutea, baſi nigricante.
37. Paluſtre erectum trichodes, ramulis crebris, luteo & rufo virentibus glabris.
38. Repens, triangularibus reflexis foliis, majus.
39. Repens, triangularibus reflexis foliis, minus.
40. Loreum montanum, capſulis ſubrotundis.
41. Flagellis inſtar caudæ vulpinæ.
42. Flagellare ſaxatile, capſulis gracilibus.
43. Subhirſutum, viticulis gracilibus erectis, capſulis teretibus.

SUB-DIVISIO II. *Foliis appreſſis, caules & ramos teretes efficientibus.*

44. Aquaticum, flagellis & teretibus, & pennatis. *Tab.* XL.
45. Cupreſſiforme vulgare, foliis obtuſis.
46. Cupreſſiforme rotundius, vel Illecebræ æmulum.
47. Cupreſſiforme tenuius & compreſſius.
48. Dendroides ſericeum, ſetis & capſulis longioribus erectis.
49. Dendroides obſcurius, ſetis & capſulis brevioribus nutantibus. *Tab.* XLI.
50. Myoſuroides craſſius capſulis erectis.
51. Myoſuroides tenuius, capſulis nutantibus.
52. Myoſuroides brevius & craſſius, capſulis cernuis.
53. Myoſuroides ſericeum tenuius, capſulis erectis.
54. Arboreum ſciuroides.
55. Gracile Ornithopodioides.
56. Julaceum, perichætio ſetas pæne æquante.
57. Julaceum ſericeum repens, capſulis cylindraceis.
58. Julaceum erectum, Bryi argentei habitu.

DIVISIO III. *Species foliis tenuiſſimis, ſquamatim impoſitis, trichoides & ſericeæ dictæ.*

59. Vulgare ſericeum recurvum, capſulis erectis cuſpidatis. *Tab.* XLII.
60. Sericeum, ſurculis longioribus & rectioribus, capſulis incurvis.
61. Velutinum, capſulis ovatis cernuis.
62. Sericeum ramoſius & tenuius, capſulis acuminatis.
63. Sericeum gracile albicans, capſulis ſubrotundis.
64. Trichodes ſerpens, ſetis & capſulis longis erectis.
65. Trichodes, capſulis oblongis, in ſetis brevioribus.
66. Repens trichodes arboreum majus, cauliculis ramoſis.

ORDO II. *Species capſulis pendulis.*

67. Denticulatum exiguum, pendulum, atro-virens. *Tab.* XLIII.
68. Erectum non ramoſum, ſpinarum halecum æmulum.
69. Dentatum curtipendulum, viticulis rigidis.

ORDO III. *Species incertæ & parum cognitæ.*

70. Aquaticum nigricans, foliis anguſtis falcatis.
71. Saxatile erectum, ramulis teretibus, foliis ſubrotundis, ſaturate viridibus.
72. Squamoſus aquaticus elegantiſſimus.
73. Terreſtris repens minor, cujus ramuli foliis multis & minimis, ſeriatim quadrato ordine diſpoſitis, cinguntur.
74. Terreſtris repens major, ramulis circa extremitates conglomeratis, foliolis multis & minimis capillaceis caulem occultantibus.
75. Terreſtris repens minor, ramulis circa extremitates conglomeratis, foliis capillaceis.
76. Aquaticus ſubterraneus.
77. Squamoſus aquaticus medius, ramoſior, nigricans.
78. Squamoſus aquaticus minor nigricans & ramoſus.
79. Terreſtris ſquamoſus, ſquamis denſis & capitulis parvis rubris.
80. Squamoſus terreſtris repens, ſquamis denſiſſimis viridibus & nitidis.
81. Terreſtris ſquamoſus, ſquamis albidis.
82. Terreſtris ſquamoſus, ſquamis longioribus exviridi palleſcentibus.
83. Aphyllos, ſquamis in capitulum confertis.
84. Tertius noſter, repens & exilis.
85. Squamoſus minor, capitulis de ſummo caule longo pediolo exeuntibus.

GENUS XI. *Bryum.*

ORDO I. *Species capſulas erectas ferentes.*

SERIES I. *Species capſulis ſphæricis, ventrioſis & turbinatis.*

1. Capillaceum, capſulis ſphæricis. *Tab.* XLIV.
2. Paluſtre, ſcapis teretibus ſtellatis, capſulis magnis ſubrotundis.
3. Ampullaceum, foliis Thymi pellucidis, collo ſtrictiore.
4. Ampullaceum, foliis Serpylli pellucidis, collo craſſiore.
5. Ampullaceum, foliis & ampulis anguſtioribus.
6. Serpillifolium pellucidum, capſulis pyriformibus.

SE-

SERIES II. *Species capsulis oblongis, ovatis & subrotundis.*

DIVISIO I. *Foliis latiusculis.*

7. Exiguum, creberrimis capsulis rufis. *Tab.* XLV.
8. Calyptra extinctorii figura, minus.
9. Calyptra extinctorii figura, majus & ramosum.
10. Capsulis longis subulatis.
11. Heteropterum pellucidum.
12. Rurale unguiculatum hirsutum, elatius & ramosius.
13. Ruralis facie, foliis minoribus & non pilosis.
14. Tegulare humile, pilosum & incanum.
15. Humile, pilis carens, viride & pellucidum.

DIVISIO II. *Foliis angustis.*

SUB-DIVISIO I. *Longioribus.*

16. Reclinatum, foliis falcatis, scoparum effigie. *Tab.* XLVI.
17. Foliis gramineis pellucidis, cauliculo rubente.
18. Phyllitidis folio rugoso acuto, capsulis incurvis.
19. Juniperi foliis rugosis, capsulis rectioribus.
20. Albidum & Glaucum fragile majus, foliis erectis setis brevibus.
21. Nanum, larignis foliis albis.

SUB-DIVISIO II. *Foliis brevioribus.*

22. Candidum fragile, foliis recurvis.
23. Palustre pellucidum, capsulis & foliis brevibus, recurvis.
24. Erectis capitulis brevibus, foliis reflexis.
25. Montanum hemiheterophyllum, operculis acutis.
26. Hypnoides aquaticum, calyptris nigris acutis.

DIVISIO III. *Foliis angustissimis capillaceis.*

SUB-DIVISIO I. *Species hirsutæ, Hypni facie, foliis in prima & ultima, pilo cano terminatis.*

27. Hypnoides, hirsutie canescens, vulgare. *Tab.* 47.
28. Hypnoides, hirsutie virescens, fasciculare alpinum.
29. Hypnoides alpinum, setis & capsulis exiguis.
30. Hypnoides alpinum, operculis obtusis.
31. Hypnoides, Ericæ facie, capsulis barbatis, alpinum.
32. Hypnoides polycephalon, lanuginosum, montanum.

SUB-DIVISIO II. *Species pilosæ, habitu proprio, ab Hypnis diverso, foliis capillaceis non canescentibus præditæ.*

33. Pilosum molle, setis intortis.
34. Pilosum, Sphagni subulati facie.
35. Pilosum verticillatum.
36. Palustre æstivum, Confervæ facie.
37. Heteromallum.
38. Pilosum, interrupte falcatum.
39. Palustre brevifolium, capsulis nigricantibus.

SUB-DIVISIO III. *Species crispæ, foliis per siccitatem varie intortis.*

40. Cirratum, setis & capsulis longioribus. *Tab.* 48.
41. Cirratum setis & capsulis brevioribus & pluribus.
42. Cirratum & stellatum, tenuoribus foliis.
43. Capillaceum breve, pallide & læte virens, capsulis ovatis.
44. Stellare nitidum pallidum, capsulis tenuissimis.
45. Stellare lacustre foliis rubris capillaceis.

SUB-DIVISIO IV. *Species calyptris rostratis, capsulis cuspidatis, postea lageniformibus, e quarum ora tenuis lanugo, barbæ instar prominet, dempta prima specie.*

46. Tenue imberbe & pallidum, foliis crebrioribus.
47. Unguiculatum & barbatum, furculis in summitate crassioribus.
48. Unguiculatum & barbatum, tenuius & stellatum.
49. Tenue barbatum, foliis angustioribus & rariioribus.

SUB-DIVISIO V. *Species operculo breviore, capsulis per siccitatem striatis.*

50. Parvum, furculis & setis geminatis. *Tab.* XLIX.
51. Tenue stellatum, setis purpureis.
52. Polytrichodes palustre, setis longioribus rubris sericeis.

SUB-DIVISIO VI. *Species sessiles seu caule carentes, aut brevissimo saltem donatæ.*

53. Trichodes acaulon palustre minimum, setis & capsulis brevissimis.
54. Trichodes acaulon minimum, setis & capsulis oblongis.
55. Acaulon, Ericæ tenuifoliæ.
56. Acaulon, foliis teneris confertis, capsulis conicis.
57. Acaulon heteromallum, setis longis pallidis.
58. Trichodes aureum, capsulis incurvis obtusis, in setis longis.

ORDO II. *Species, capsulis e setis reflexis pendulis, calyptris fugacibus, operculis plerumque obtusis.*

SERIES I. *Species foliis angustissimis.*

59. Trichodes, capsulis rubris cernuis. *Tab.* L.
60. Trichodes aureum, capsulis piriformibus nutantibus.
61. Trichodes læte virens, capitulis cernuis oblongis.

SERIES II. *Species pendulæ foliis angustis, mediocri latitudine præditis.*

DIVISIO I. *Surculis teretibus & æqualibus.*

62. Pendulum julaceum, argenteum & sericeum.
63. Pendulum, furculis teretibus viridibus.
64. Hypnoides pendulum sericeum, coma insigni atro-rubente.

DIVISIO II. *Surculis & cauliculis inæqualibus.*

65. Orbiculare pulvinatum, hirsutie canescens, capsulis immersis.

66. Pen-

66. Pendulum ovatum, cæſpiticium & piloſum, ſeta bicolori.
67. Foliis latiuſculis congeſtis, capſulis longis nutantibus.
68. Annotinum lanceolatum pellucidum, capſulis oblongis pendulis.
69. Lanceolatum pellucidum, capſulis rotundis, pendulis, carneis.
70. Pendulum hornum molle, foliis & lanceolatis & gramineis. *Tab.* LI.
71. Stellare hornum ſylvarum, capſulis magnis nutantibus.
72. Annotinum paluſtre, capſulis ventrioſis pendulis
73. Lanceolatum bimum, ſetis & capſulis longis pendulis.
74. Paluſtre complicatum rubens, capſulis turbinatis pendulis.

SERIES III. *Species pendulæ, foliis latioribus.*

75. Bulbiforme aureum, calyptra quadrangulari, capſulis piriformibus nutantibus. *Tab.* LII.
76. Dendroides polycephalon, Phyllitidis folio undulato pellucido, capſulis ovatis pendulis.
77. Stellare roſeum majus, capſulis ovatis pendulis.
78. Stellare roſeum pendulum minus, capſulis & ſetis longioribus.
79. Pendulum, foliis variis pellucidis, capſulis ovatis. *Tab.* LIII.
80. Pendulum, Serpilli folio longiore pellucido, capſulis oblongis cuſpidatis.
81. Pendulum, Serpilli folio rotundiore pellucido, capſulis ovatis.

GENUS XII. *Polytricum.*

ORDO I. *Species capſulis quadrangularibus, per apophyſin circularem cum ſeta connexis.*

1. Quadrangulare vulgare, Juccæ foliis ſerratis. *Tab.* LIV.
2. Quadrangulare, Juniperi foliis brevioribus & rigidioribus.
3. Quadrangulare minus, Juniperi foliis piloſis.

ORDO II. *Species capſulis ſubrotundis, apophyſi plerumque carentibus.*

4. Alpinum ramoſum, capſulis e ſummitate ellipticis. *Tab.* LV.
5. Ramoſum, ſetis ex alis urnigeris.
6. Nanum capſulis ſubrotundis galeritis, Aloës folio non ſerrato.
7. Parvum, Aloës folio ſerrato, capſulis oblongis.
8. Bryi ruralis facie, capſulis ſeſſilibus majus.
9. Bryi ruralis facie, capſulis ſeſſilibus, minus.
10. Capſulis ſeſſilibus, foliis brevibus, rectis, carinatis.
11. Capillaceum criſpum, calyptris acutis piloſiſſimis.
12. Acaulon capillaceum, capſulis cylindraceis.

GENUS XIII. *Selago.*

1. Vulgaris, Abietis rubræ facie. *Tab.* LVI.
2. Americana, foliis denticulatis reflexis.
3. Foliis Camphoratæ.
4. Coridis foliis reflexis. *Tab.* LVII.
5. Linariæ foliis.

GENUS XIV. *Lycopodium.*

ORDO I. *Species quarum ſpicæ pediculis inſident.*

SERIES I. *Species juliferæ.*

1. Vulgare piloſum, amfragoſum & repens. *Tab.* 58.
2. Sabinæ facie.
3. Digitatum foliis Arboris Vitæ, ſpicis bigemellis teretibus. *Tab.* LIX.
4. Altiſſimum, ſpicis bigemellis quadrangulis. *Tab.* LX.
5. Erectum dichotomum, foliis cruciatis, ſpicis gracilibus. *Tab.* LXI.
6. Pinnatum repens, ſpicis & pediculis ſingularibus longis. *Tab.* LXII.

SERIES II. *Species clavatæ, quarum folia in ſpicis eandem cum reliquis ramorum ſtructuram habent.*

7. Paluſtre repens, clava ſingulari.
8. Alopecuroides, flagellorum extremitatibus radicoſis.

ORDO II. *Species, ſpicis pediculis carentibus.*

9. Elatius juniperinum, clavis ſingularibus, ſine pediculis. *Tab.* LXIII.
10. Fruticeſcens capillaceum criſpum, ſpicis brevibus nutantibus.
11. Rupeſtre piloſum & incanum, ſpicis acute quadrangulis.

GENUS XV. *Porella.*

Pinnis obtuſis. *Tab.* LXVIII.

GENUS XVI. *Selaginoides.*

Foliis ſpinoſis.

GENUS XVII. *Lycopodioides.*

ORDO I. *Species procumbentes & repentes.*

1. A. Imbricatum repens. *Tab.* LXVI.
1. B. Repens, pinnulis Ornithopodii.
2. Denticulatum pulchrum repens, ſpicis pediculis inſidentibus. *Tab.* LXIV.
3. Denticulatum pulchrum repens, ſpicis apodibus.

ORDO II. *Species erectæ, quarum quædam flagella etiam repentia habent, ramos ſurrectos emittentia.*

4. Fruteſcens, ſpicis laxis nudis.
5. Dentatum erectum filicinum, caule tereti ramoſiſſimo. *Tab.* LXV.
6. Erectum filicinum, pinnulis Acaciæ, caule ſulcato.
7. Denticulatum erectum filicinum, minus & argutius.
8. Lonchitidis foliis auriculatis. *Tab.* LXVI.
9. Dichotomum taxiforme.
10. Dentatum dichotomum, rigidum, minus.

11. Squamoſum hiſpidum, extremitatibus convolutis.
12. Radiatum Dichotomum. *Tab.* LXVII.

MUSCI EXOTICI INCOGNITI.

Ad Selaginis, Lycopodii & Lycopodioidis genera referendi.

1. Denticulatus major volubilis, e capite montis Serado.
2. Squamoſus Americanus maximus, Coridis foliis aduncis.
3. Squamoſus elatior, tenuiſſimus Americanus.
4. Capillaceus & ſericeus Americanus nigricans.

GENUS XVIII. *Anthoceros.*

1. Foliis minoribus, magis laciniatis. *Tab.* 68.
2. Foliis majoribus, minus laciniatis.
3. Anguſtifolia, flore brevi.
4. Folio tenuiſſimo multifido.
5. Capillaceus aphyllus, capitulo craſſo bivalvi.

GENUS XIX. *Lychenaſtrum.*

Ordo I. *Species ſurculis & foliis determinate figuratis.*

Series I. *Foliis unam partem ſpectantibus.*

1. Alpinum purpureum, foliis auritis & cochleariformibus. *Tab.* LXIX.
2. Pinnulis minutiſſimis rotundis.
3. Scorpioides pulchrum villoſum.
4. Multiflorum exile, foliis anguſtiſſimis.

Series II. *Foliis utramque partem ſpectantibus, ſeu ſpecies pinnatæ, pinnis Trichomanis & Aſplennii inſtar diſpoſitis.*

Divisio I. *Pinnis ſimplicibus, alternatim adverſis, nervo nudo.*

Sub-Divisio I. *Species pinnulis integris, aut leviſſime tantum crenatis.*

5. Aſplenii facie, pinnis laxioribus.
6. Aſplenii facie, pinnis confertioribus.
7. Trichomanis facie, e baſi & medio florens.
8. Trichomanoides aquaticum odoratum fontis.
9. Trichomanis facie, polyanthemum, breve & repens. *Tab.* LXX.
10. Trichomanis facie minus, ab extremitate florens.

Sub-Divisio II. *Species pinnulis bifidis, trifidis & ſpinoſis.*

11. Pinnulis acutioribus & concavis, bifidis, majus.
12. Pinnulis obtuſioribus bifidis, minus.
13. Pinnulis acutiſſime bifidis, minimum.
14. Quod Jungermannia minima repens, foliis bifidis, vagina florum ventricoſa.
15. Ramoſius, foliis trifidis.
16. Pinnulis alternis, quaſi ſpinoſis.

Divisio II. *Species pinnatæ, facie Trichomanis, quarum nervus auriculis & pinnis ſecundariis tegitur.*

Sub-Divisio I. *Superius, qua is auricula vel foliorum appendice tegitur.*

17. Pinnis auriculatis majoribus & non crenatis. *Tab.* LXXI.
18. Auriculatum, pinnis minoribus crenatis.
19. Auriculatum, pinnulis rotundis, criſpum.
20. Auriculatum, pinnulis anguſtis, planis, recurvis.
21. Auriculatum, Ornithopodii minoris pinnulis ciliatis.

Sub-Divisio II. *Nervo inferius ſquama ſeu foliolo ſecundario, in tribus prioribus ſpeciebus ſingulari, in ultima pluribus ſquamis tecto.*

22. Pinnulis obtuſe trifidis, nervo geniculato.
23. Multifidum majus, ab extremitate florens.
24. Multifidum exiguum, ad baſim florens, per ſiccitatem imbricatum.
25. Filicinum pennatum.

Series III. *Species imbricatæ, ſeu quarum ſquamæ denſius impoſitæ minus extant, minuſque pinnatæ ſunt.*

Divisio I. *Quarum ſquamæ tantum inferius ſquama ſecundaria inſtructæ ſunt.*

26. Imbricatum majus, ſquamis compreſſis & planis. *Tab.* LXXII.
27. Imbricatum minus, ſquamis convexo concavis.
28. Imbricatum minimum, ſquamis planis cinereis.
29. Quod Jungermannia omnium minima, ſeu vix conſpicua, Serpilli aut Herniariæ foliis auritis, floribus ex albo vireſcentibus, vagina cordiformi.
30. Quod Jungermannia minima, foliis auritis, ex rotunditate acuminatis, punctatis ac veluti perforatis, floribus vireſcentibus, vagina cordiformi.

Divisio II. *Species quarum & nervi & folia ſquamis ſubtus ſecundariis teguntur.*

31. Imbricatum, Tamariſci Narbonenſis facie.
32. Arboris Vitæ facie, foliis minus rotundis.
33. Arboris Vitæ facie, foliis rotundioribus.
34. Imbricatum, Filiculæ criſpæ facie.

Series IV. *Species foliis undique cinctæ.*

35. Filicinum pulchrum villoſum. *Tab.* LXXIII.
36. Foliis variis.
37. Trichodes minimum, in extremitate florens.
38. Alpinum, Bryi julacei argentei facie.
39. Alpinum atro-rubens teres, calycibus ſquamoſis.
40. Alpinum nigricans, foliis capillaceis reflexis.

Ordo II. *Species foliis varie & indeterminate diviſis, repentes & cauliculis, præter pediculos, deſtitutæ.*

41. Capitulis rotundis, e foliorum medio enaſcentibus. *Tab.* LXXIV.
42. Capitulis oblongis, juxta foliorum diviſuras enaſcentibus.
43. Ambroſiæ diviſura.
44. Chamædryos multifidæ diviſura.

45. Tenuifolium furcatum, thecis globoſis piloſis.
46. Exiguum, capitulis nigris lucidis, e cotylis parvis naſcentibus.

ORDO III. *Species incertæ, de quarum capitulis & floribus non conſtat.*

47. Aquaticum fluitans, tenuifolium, furcatum.
48. Paluſtris ramoſa & folioſa.
49. Jungermannia caule ramoſo, ſurculis compreſſis, foliis imbricatis ſerie duplici, ovato-acutis, ciliatis.
50. Jungermannia caule ſimplici, foliis ovatis, margine reflexis, undique laxe imbricatis.

GENUS XX. *Lichen.*

ORDO I. *Pileati.*

1. Vulgaris major, pileatus & verrucoſus. *Tab.* 75.
2. Pileatus parvus, foliis crenatis.
3. Pileatus anguſtifolius dichotomus.
4. Pileatus parvus carinatus, capitulis fimbriatis.
5. Seminifer lunulatus, florifer pileatus, tandem cruciatus.

ORDO II. *Radiati ſeu ſtellati.*

6. Fontanis major, ſtellatus æque, ac umbellatus, & cyathophorus. *Tab.* LXXVI.
7. Domeſticus minor, ſtellatus æque, ac umbellatus, & cyathophorus. *Tab.* LXXVII.
8. Anapodocarpos.

ORDO III. *Quorum flores & fructus bene perſpecti non ſunt.*

9. Petræus minimus, fructu Orobi. *Tab.* 78.
10. Minimus, foliis venoſis, bifariam vel trifariam ſe dividendo progredientibus.
11. Omnium minimus, foliolis ſciſſis, ſuper terram expanſis.
12. Paluſtris, Rutæ folio.
13. Riccia minima anguſtifolia cineritia, ſegmentis craſſis non ſulcatis.
14. Riccia minima, ſegmentis brevioribus & obtuſioribus, ample ſulcatis.
15. Riccia major, Coriandri ſapore, foliorum ſuperficie veluti teſſellata; fructu ſubrotundo aſpero.
16. Riccia media obſcure virens, foliis altius ſulcatis, in ſuperficie veluti punctatis, fructu pyramidato glabro.
17. Sphærocarpos terreſtris minima.
18. Lichen Parvus vernus cordiformis, ima parte fimbriatus, Lentis paluſtris modo aquæ innatans.
19. Saxatilis latifolius viridis, corium carchariæ piſcis referens, ad foliorum apices exanthemata ſua condens.
20. Ychcacalotic, ſeu Vas Goſſypinum.

APPEN.

APPENDIX.

In qua Herbæ quædam aquaticæ, Muſcis affines, Muſcus Norwegicus, umbraculo ruberrimo inſignitus *Pet.* & novæ Species, quæ, poſtillas in Hiſtoria deſcriptas, ſerius ad manus pervenerunt, promiſcue, prout delatæ fuerunt, deſcribuntur, cum Obſervationibus quibuſdam ad ſupra deſcriptas Species.

Pilularia.

Paluſtris juncifolia. *Tab.* LXXIX.

Calamaria.

1. Folio breviore & craſſiore. *Tab.* LXXX.
2. Folio longiore & graciliore.

Subularia.

Repens, foliis convexo-planis. *Tab.* LXXXI.

SPECIES NOVÆ.

1. Coralloides perforatum, corniculis breviſſimis. *Tab.* LXXXII.
2. Lichenoides granoſum ſubglaucum, tuberculis planis nigricantibus.
3. Foliis glaucis crinitis, ſcutellis amplis perforatis.
4. Corniculatum rigidum ſpadiceum.
5. Coriaceum, latiſſimo folio umbilicato & verrucoſo.
6. Hypnum filicinum, Tamariſci foliis minimis non ſplendentibus, ſetis, capſulis et aliis brevioribus. *Tab.* LXXXIII.
7. Fluitans, foliis tenuiſſimis capſulis exilibus.
8. Bryum albidum & glaucum fragile minus, foliis erectis ſetis oblongis.
9. Muſcus Norwegicus umbracula ruberrimo inſignitus.
10. Uſnea ceratoidis candicantis, glabre & odoratæ. *Tab.* LXXXIV.
11. Lichenoides platyphyllum, marginibus crinitis.
12. Lacunoſum rutilum, marginibus flavis.
13. Selago Indica, Abietis rubræ facie, caulibus & foliis majoribus.
14. Coralloides dichotomum gracilius & procerius corniculis creberrimis. *Tab.* LXXXV.
15. Sphagnum foliis tenuibus, gramineis, pellucidis.
16. Vermiculare repens, capſulis intra foliolorum ſquamoſorum aliis minimis.
17. Hypnum clavellatum parvum repens, ſetis brevibus.
18. Myoſuroides ſetis breviſſimis.
19. Bryum foliis membraneis obtuſis.
20. Hypni aquatici prolixi, foliis ovatis.
21. Conferva marina paraſitica tenuiſſima & breviſſima glauca.

FINIS.

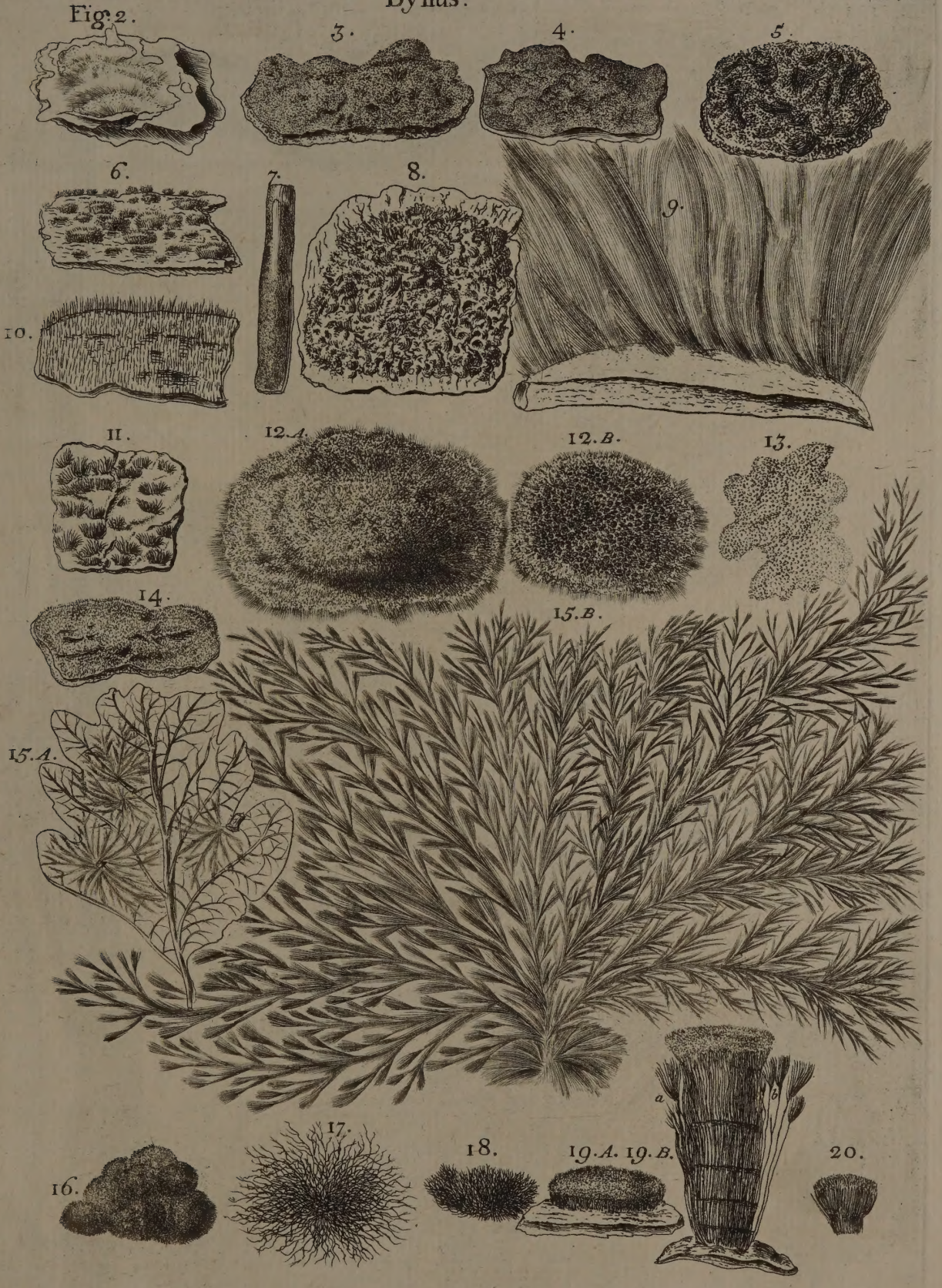
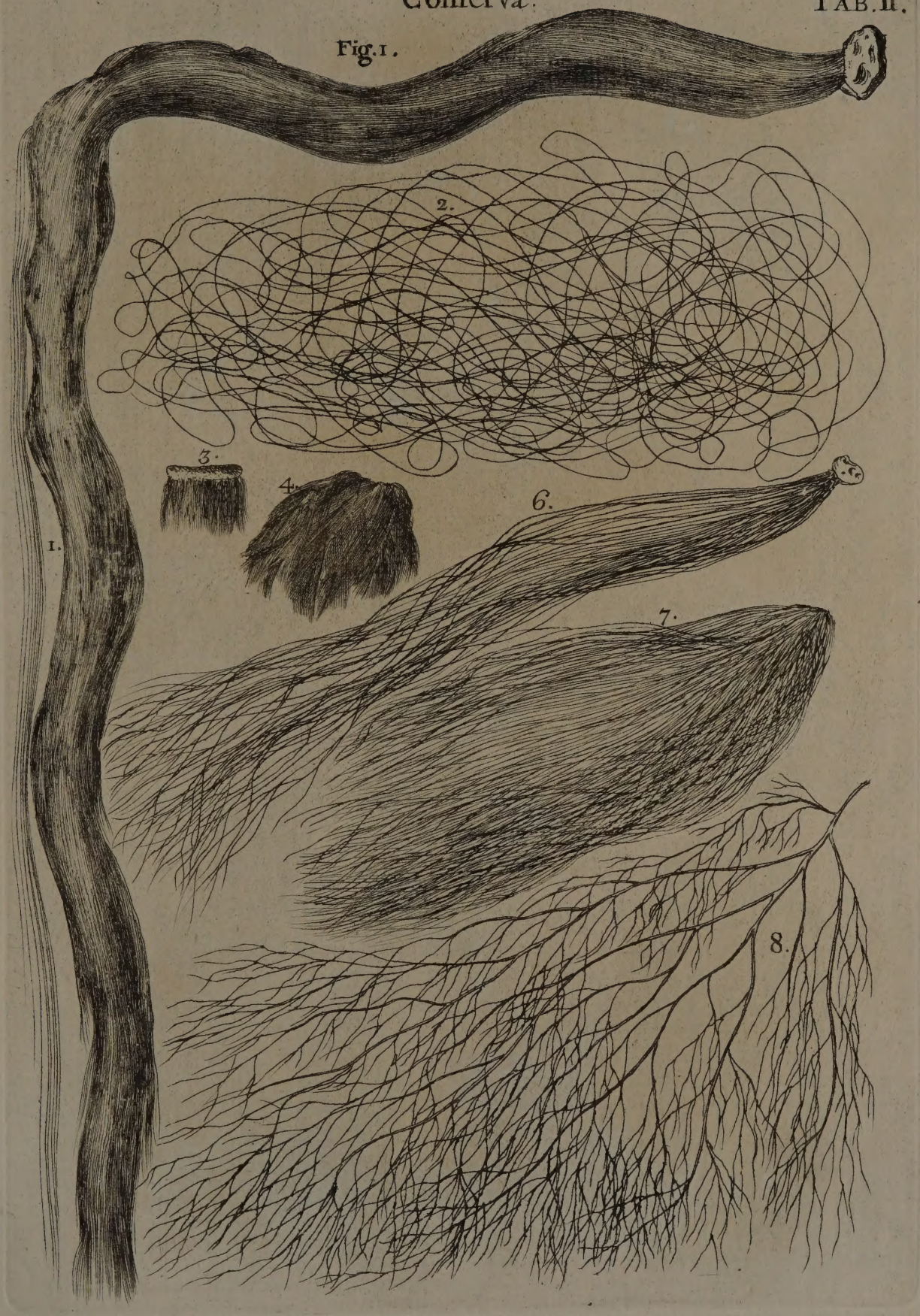


Fig. 2.
3.
4.
5.
6.
7.
8.
9.
10.
11.
12. A.
12. B.
13.
14.
15. B.
15. A.
16.
17.
18.
19. A.
19. B.
a
b
20.

Fig. 1.

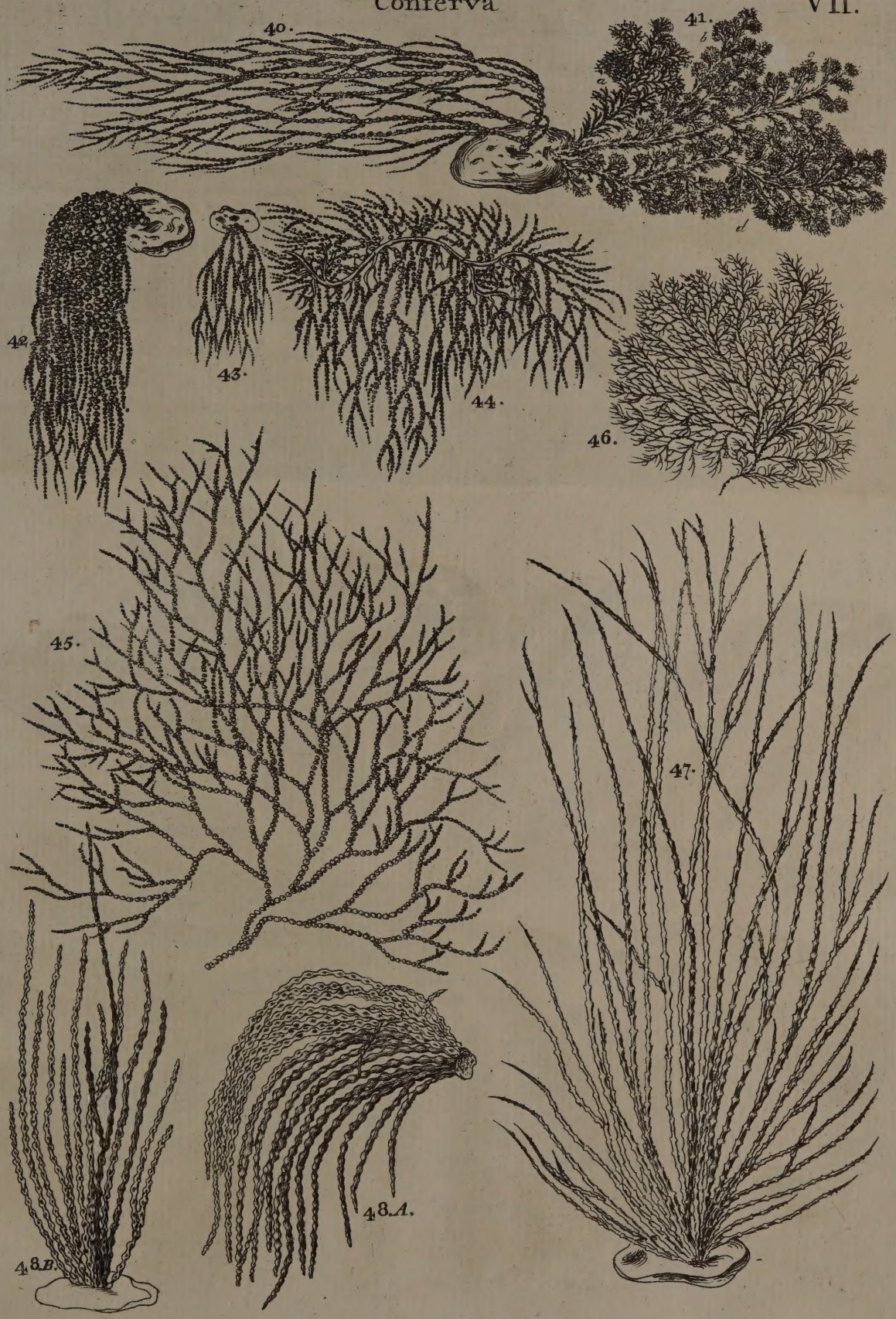


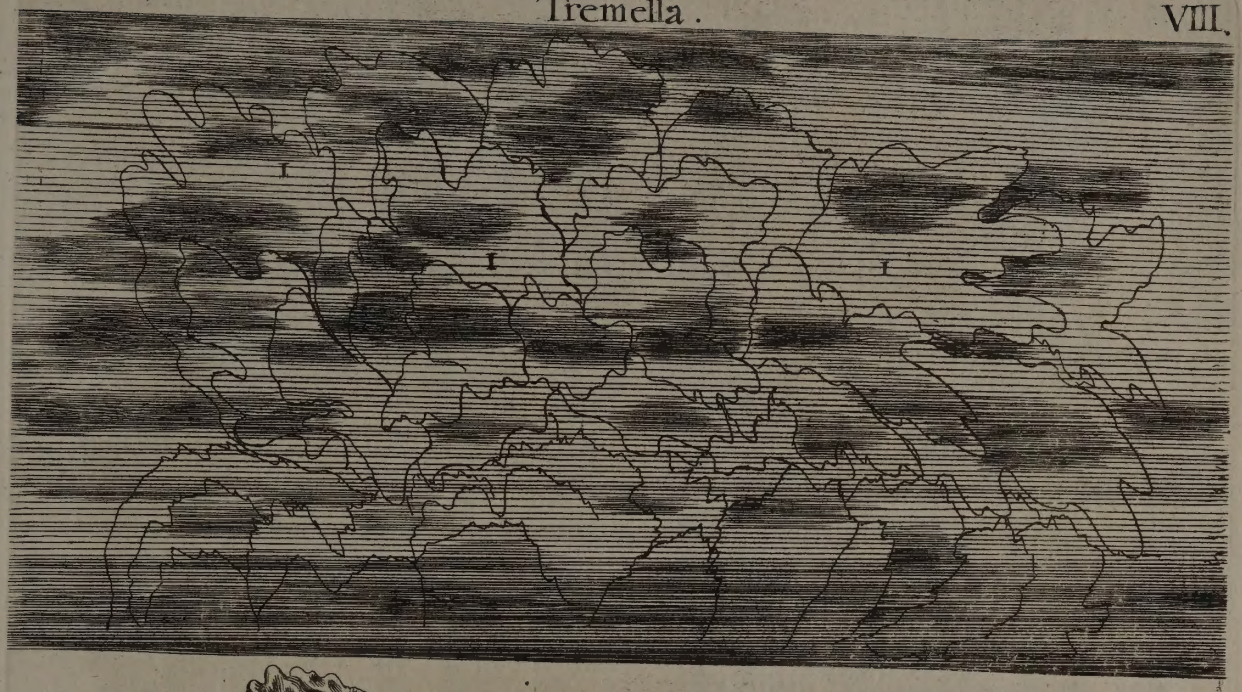
Conferva.
T. III.
9. C.
11. A.
11. B.
9. B.
9. A.
12.
9. D.
10.
13.

A.
14.
B.
15.
17.C.
17.B.
17.A.
16.
19.
18.
20.
a
22.
d
e
b
c
21.
23.
24.

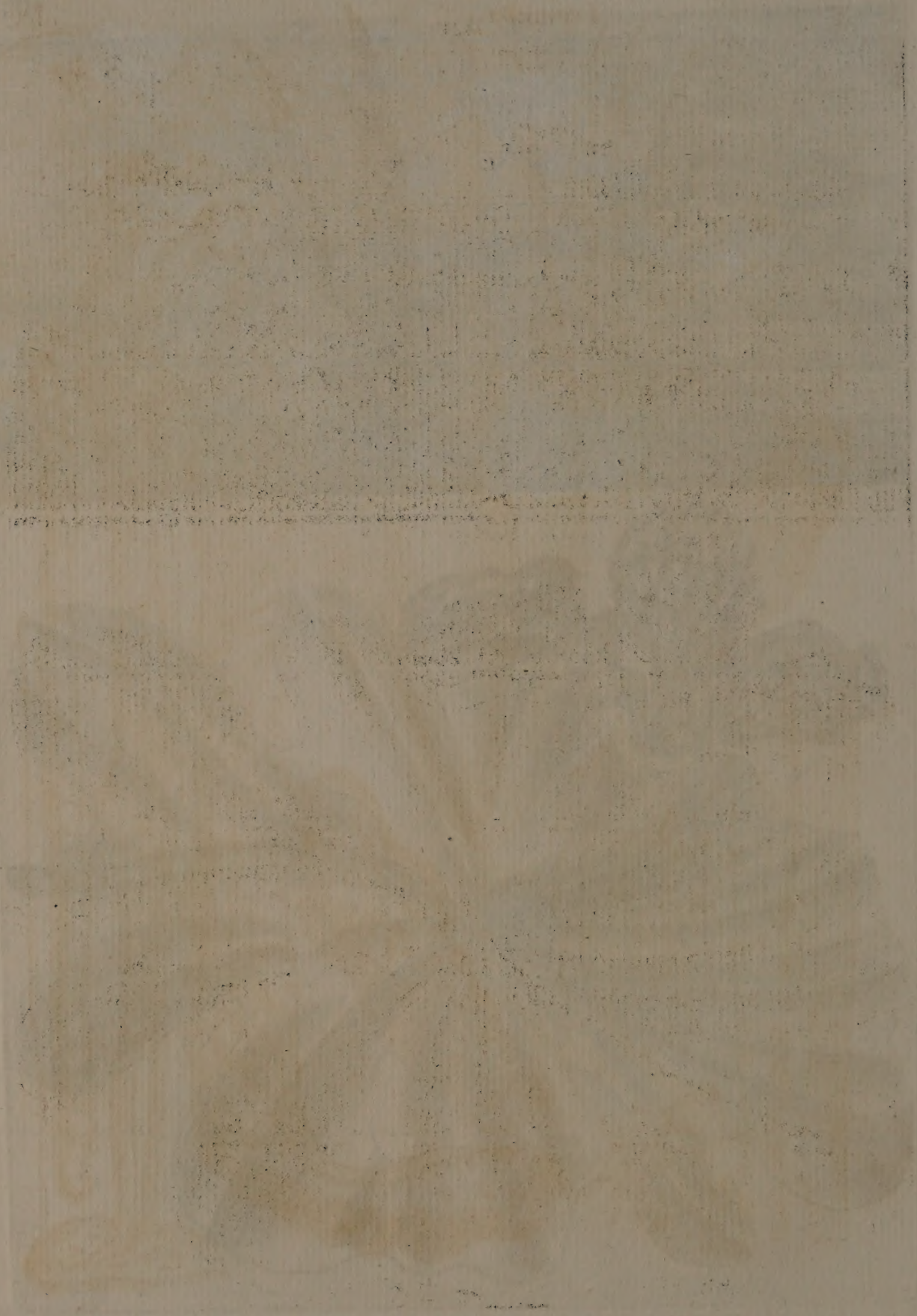
25. A.
25. B.
26.
27.
a
28.
b
29.
c
d
e
30.
31. A.
32. A.
31. B.
32. B.
33.

Conferva


40.
41.
a
b
c
d
42.
43.
44.
46.
45.
47.
48.A.
48.B.

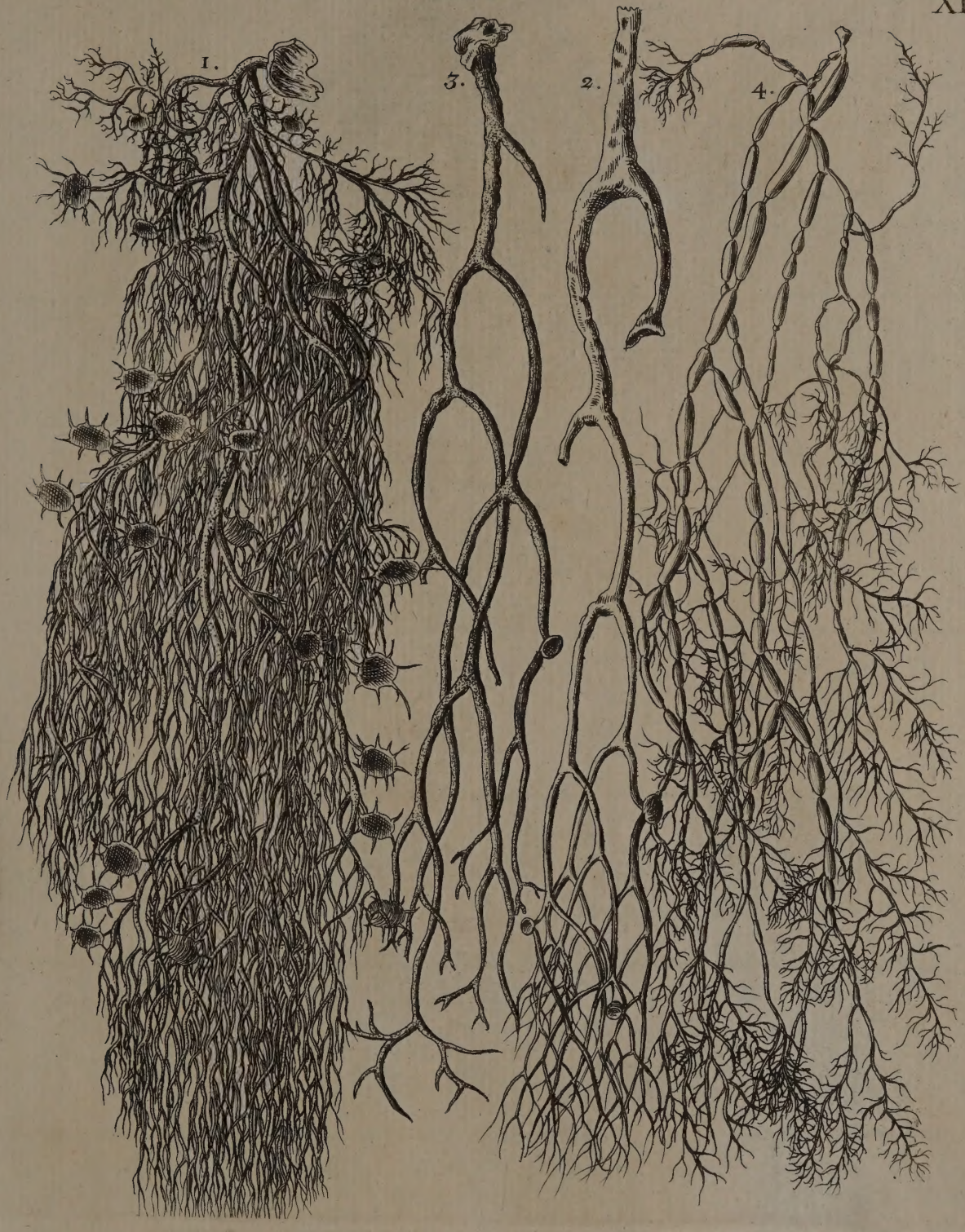

1
1
1

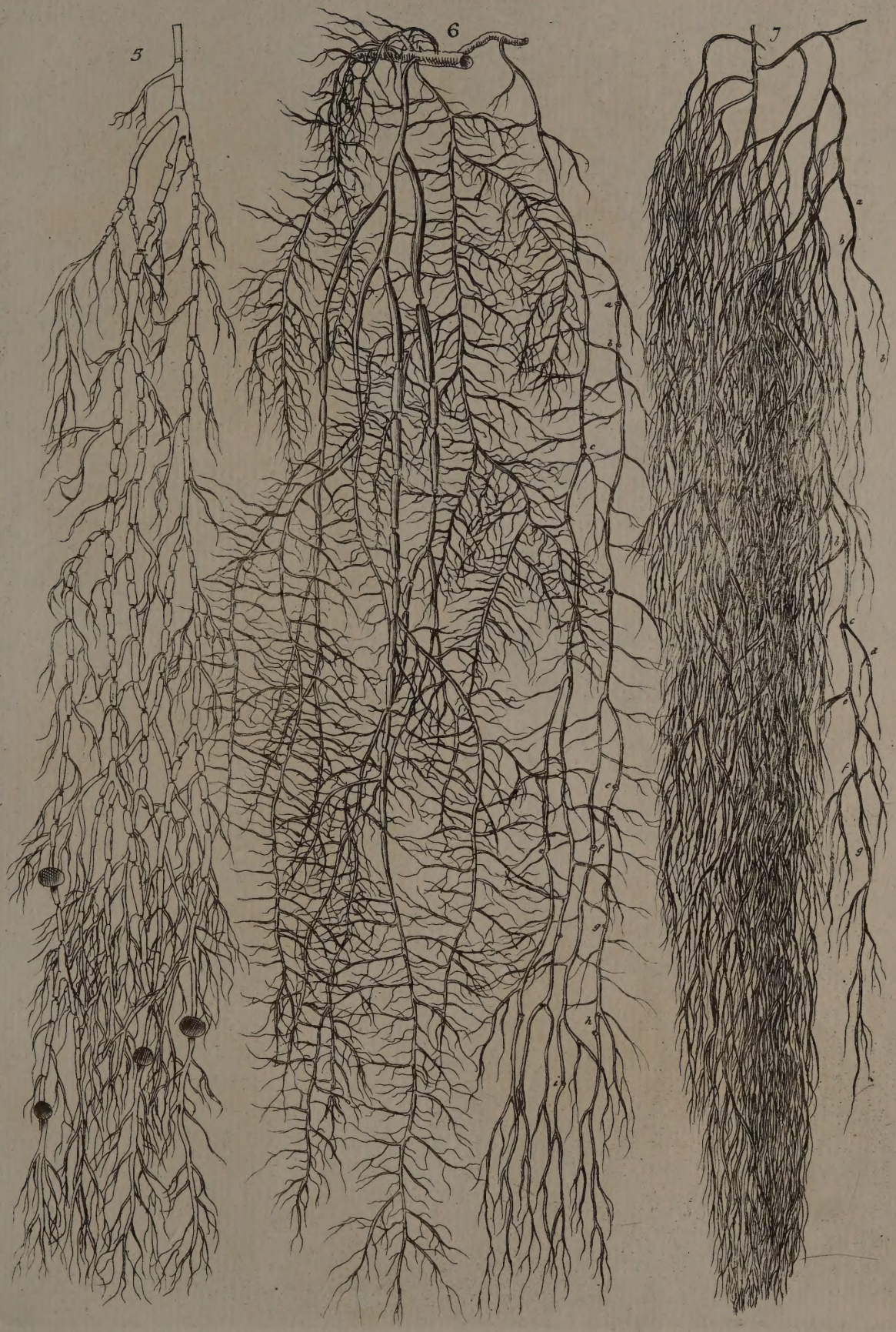
2.
3.

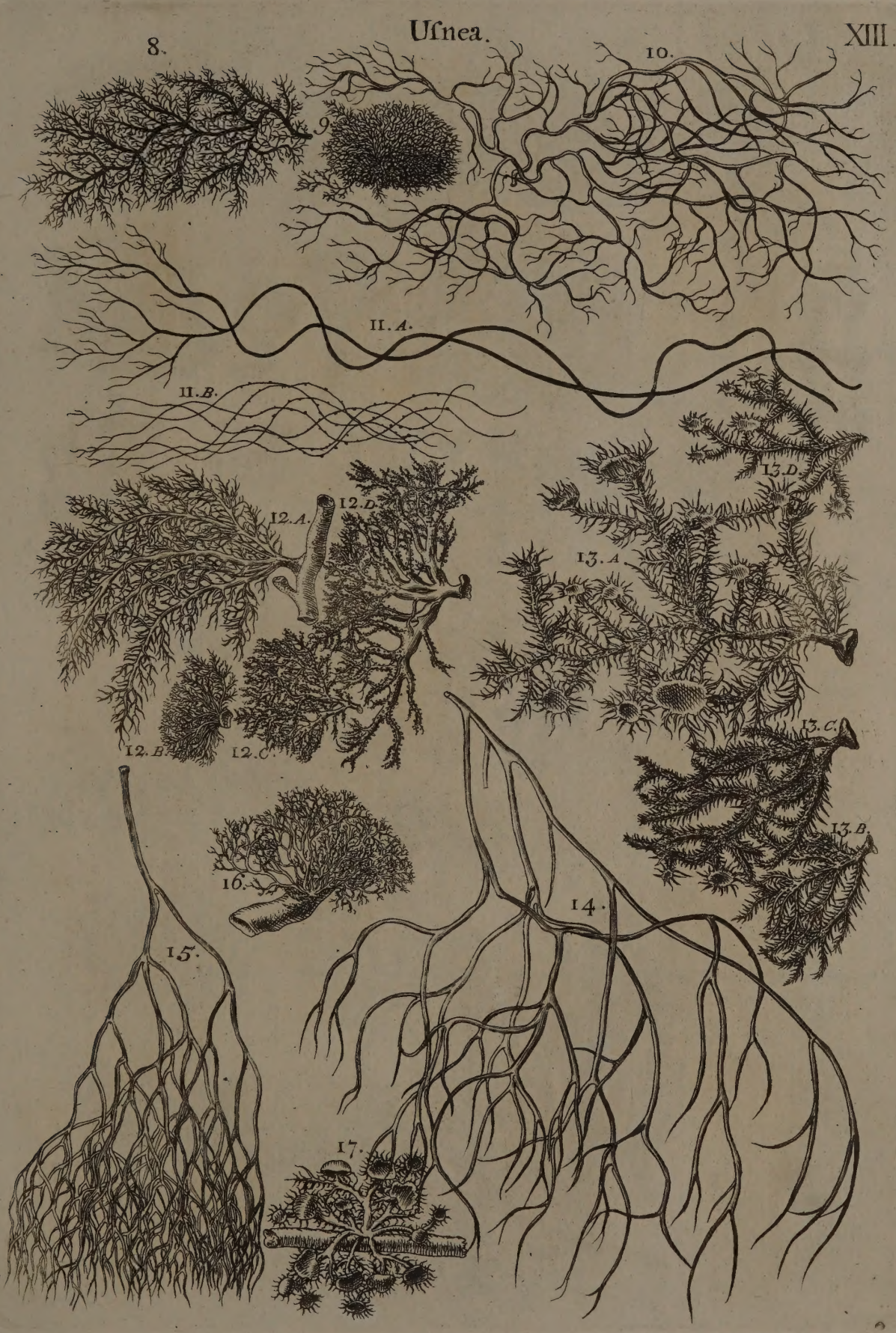


Tremella.

Tremella.

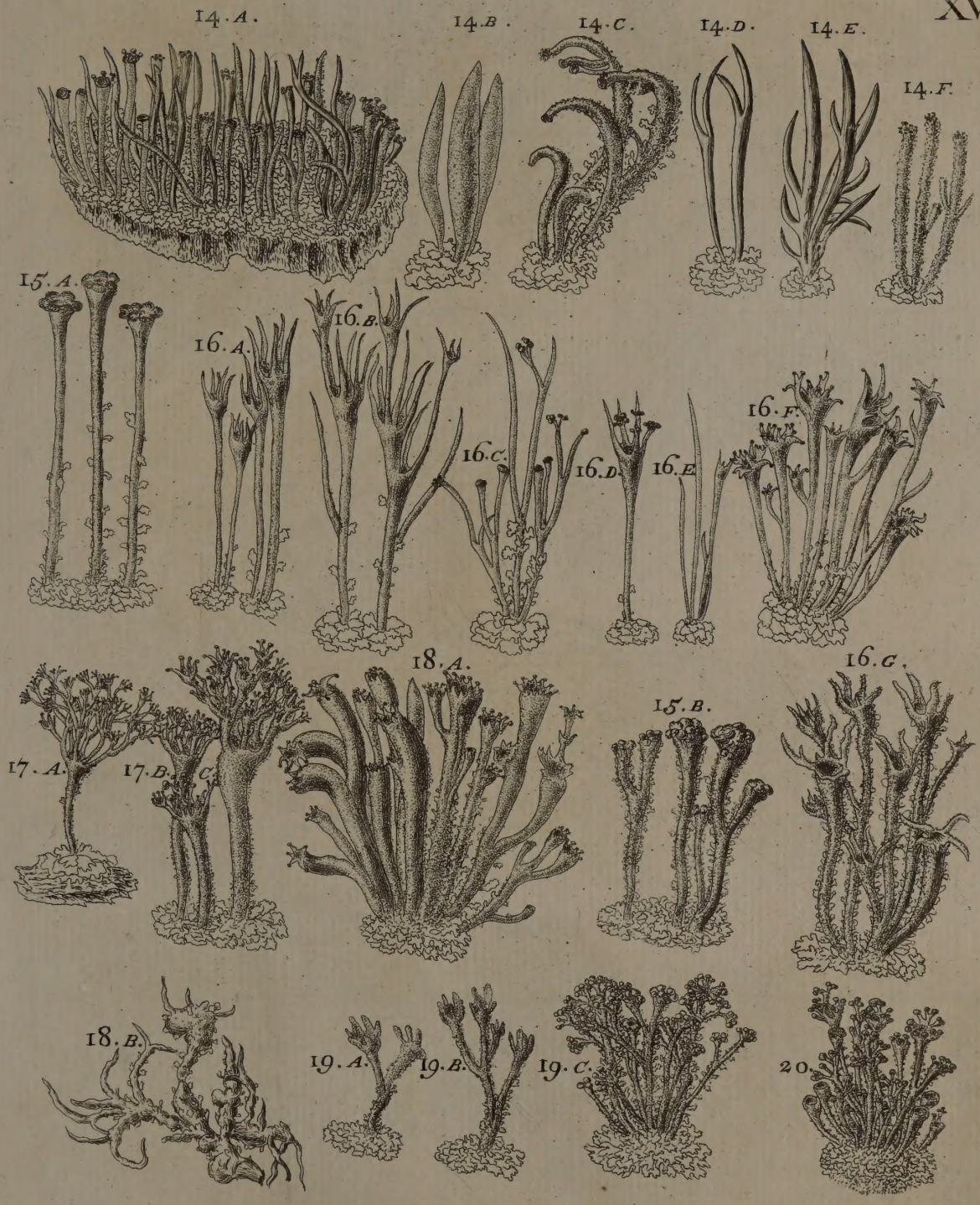

1.
3.
2.
4.


5
6
7

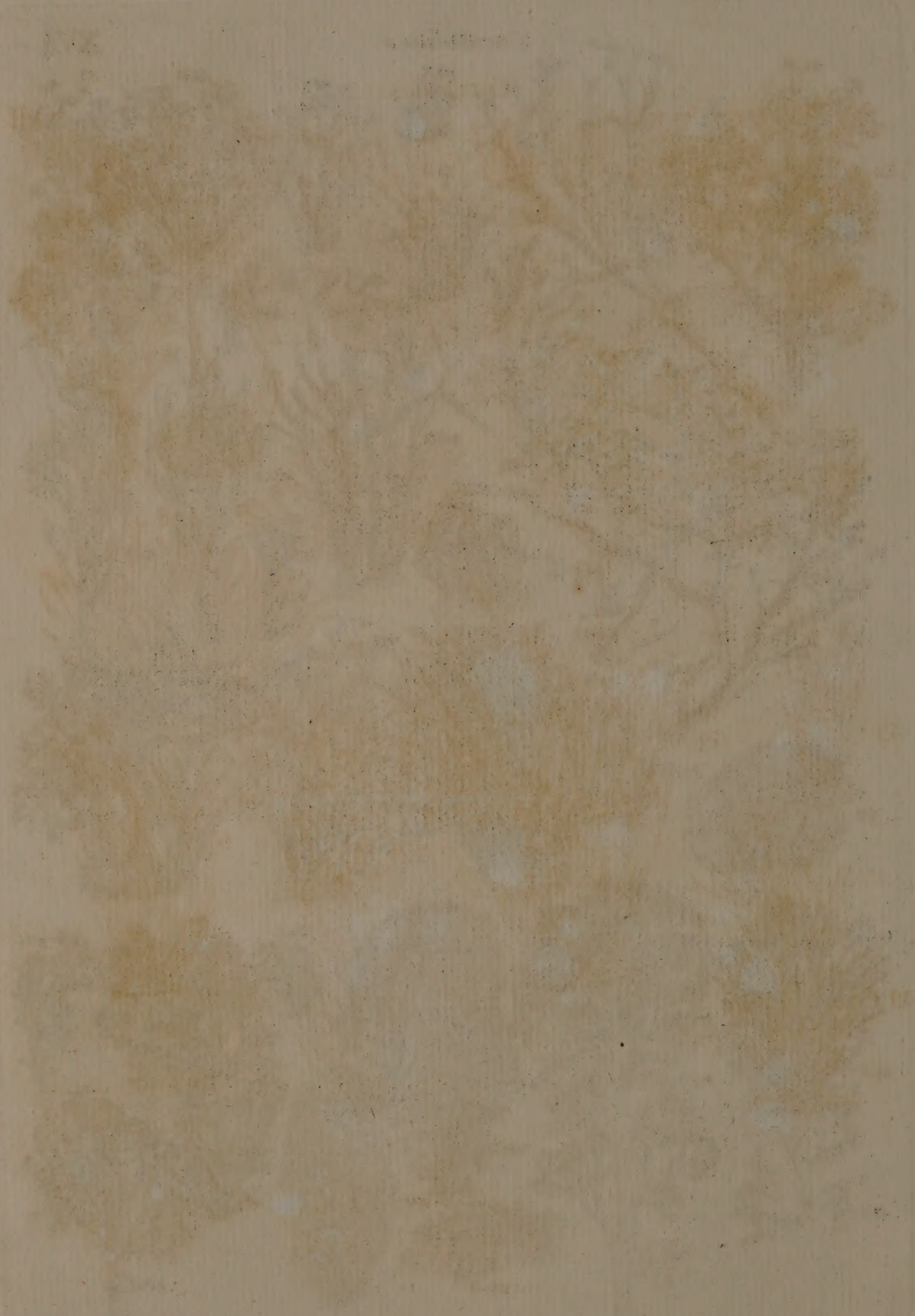

8.
9.
10.
11. A.
11. B.
12. A.
12. B.
12. C.
12. D.
13. A.
13. B.
13. C.
13. D.
14.
15.
16.
17.

1.
2.
3.A.
a
c
4.
5.
3.B.
6.A.
6.B.
6.C.
a
b
6.D.
E. F.
G.
H.
6.I.
6.K.
6.L.
6.M.
7.A.
B.
E.
F.
C.
7.D.
G.
H.
I.
7.K.
L.
7.M.
8.A.
8.B.
8.C.
10.A.
a
b
10.B.
d
e
11
9.A.
9.B.
12.A.
12.B.
12.C.
12.D.
13
C.
13.A.
13.B.
13.C.
13.D.
13.E.

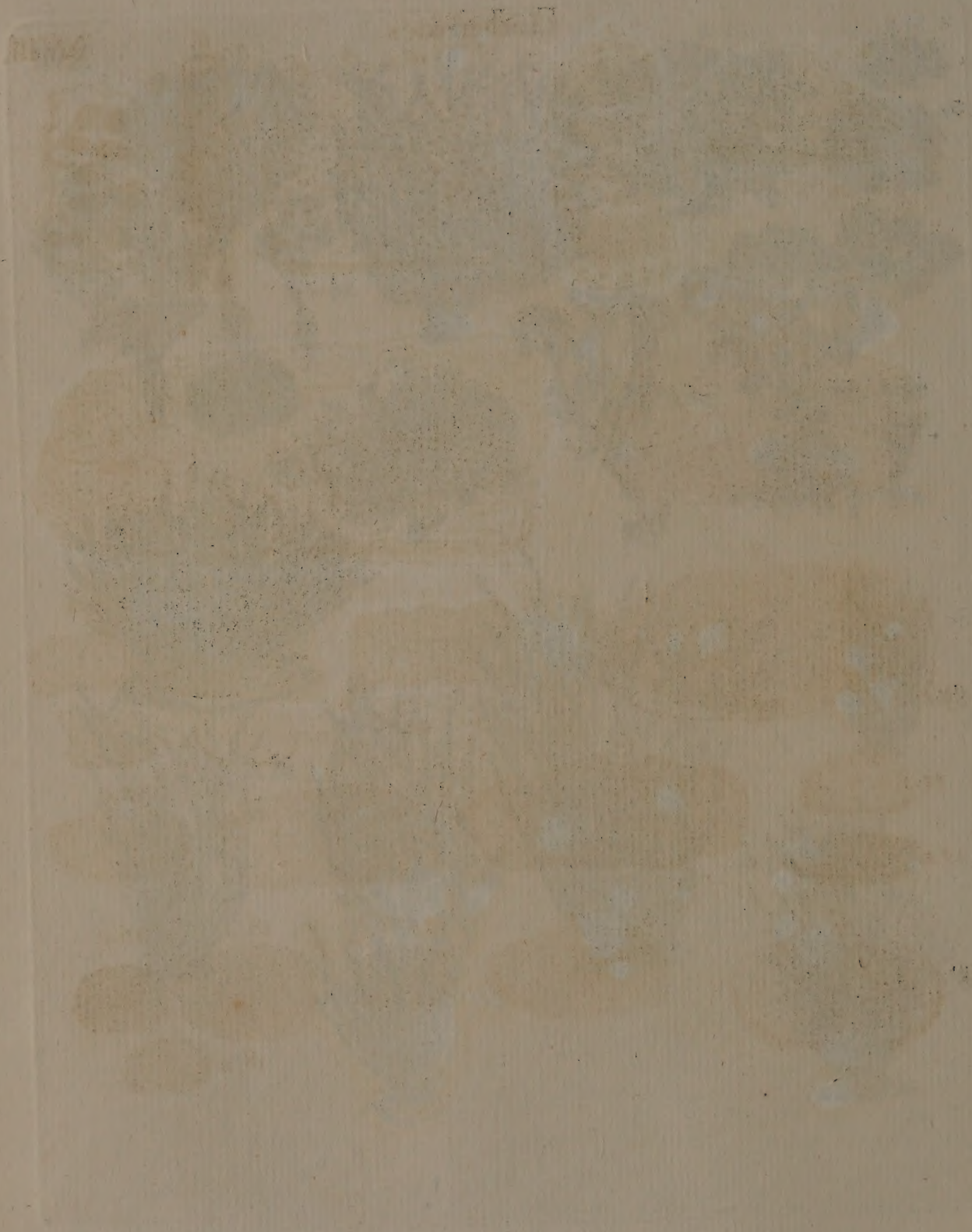
Coralloides.



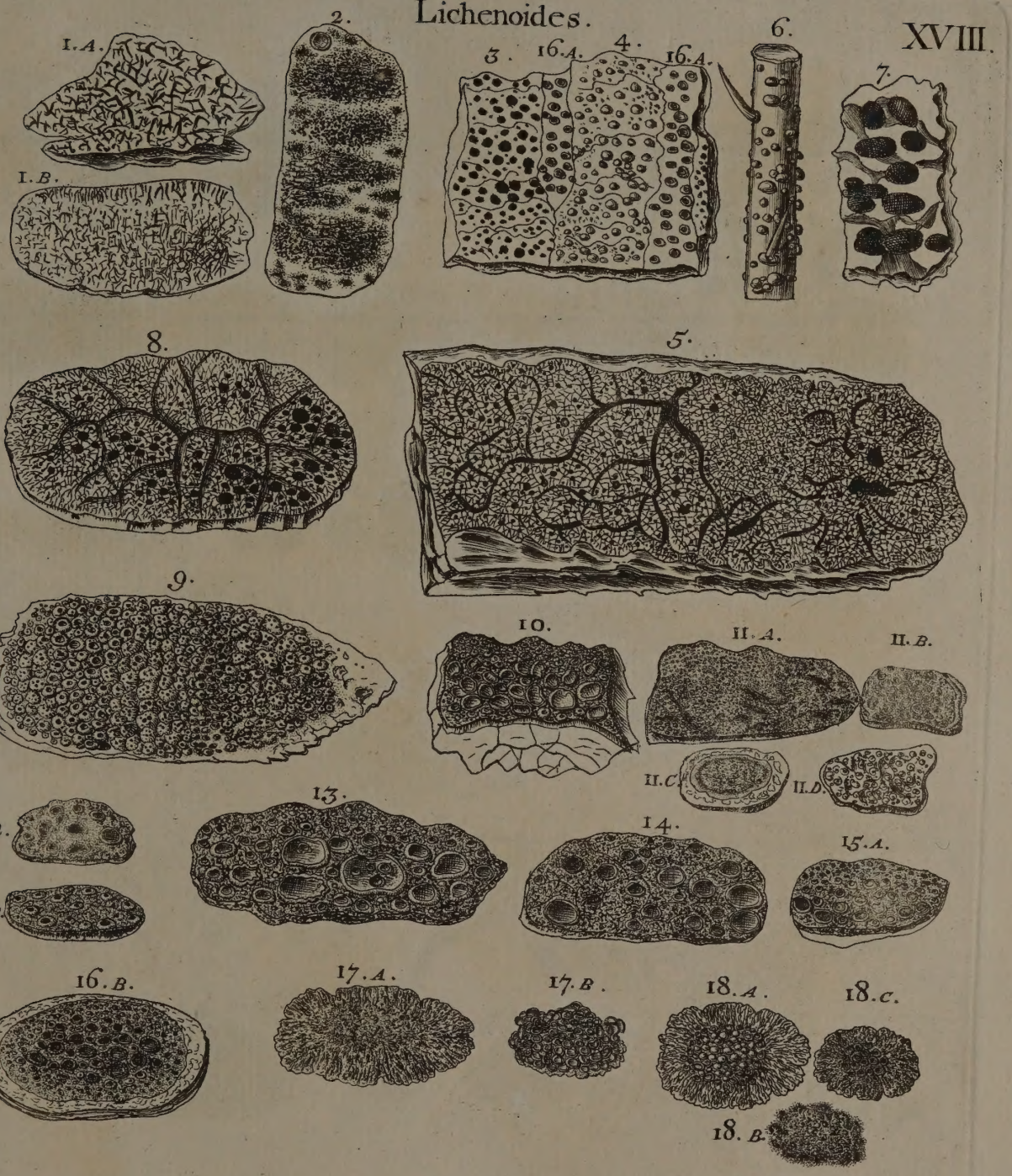
21.A.
21.B.
22.A.
22.B.
22.C.
22.D.
23.
24.
22.E.
22.F.
22.G.
22.H.
26.A.
26.B.
26.C.
25.
27.A.
27.B.
27.C.
27.D.
27.E.
a
28.
29.A.
29.B.
29.C.
29.C.
29.D.
29.E.
29.F.
30.A.
30.B.
30.C.
30.D.

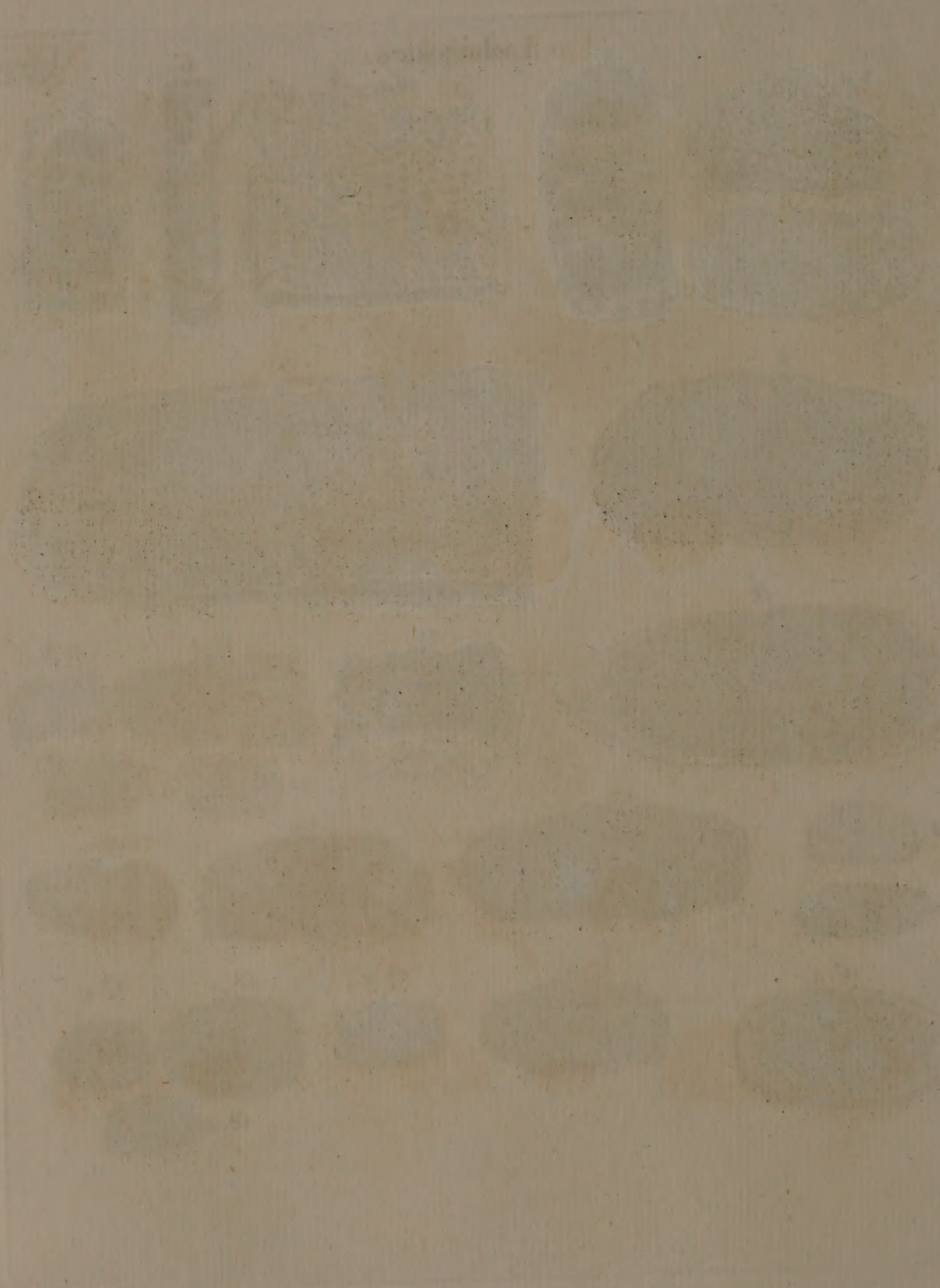


Coralloides.

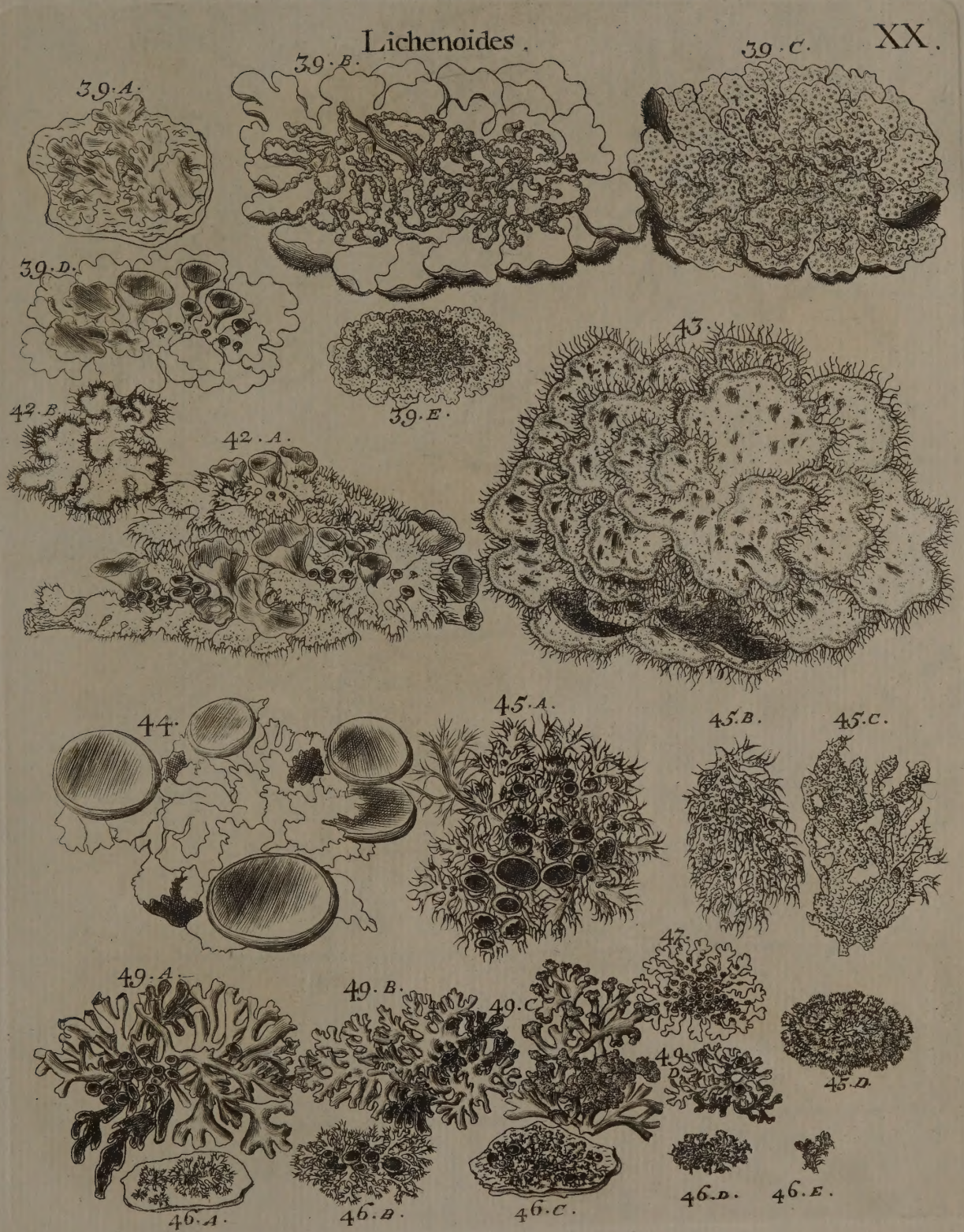


Lichenoides.





19.
19.
20.
21.
22.
22.
23.
e
24.A.
24.B.
24.C.
24.D
25.
26.A.
b
27.A.
27.B.
c
27.
d
e
28.
26.B.
26.C
29.A
29.B.
29.C.
30.
f
g
31.A.
31.B.
31.C.
32.A.
32.B.
26.D.
33.
h
34.A.
34.B.
34.
i
k
35.
35.
l
m
n

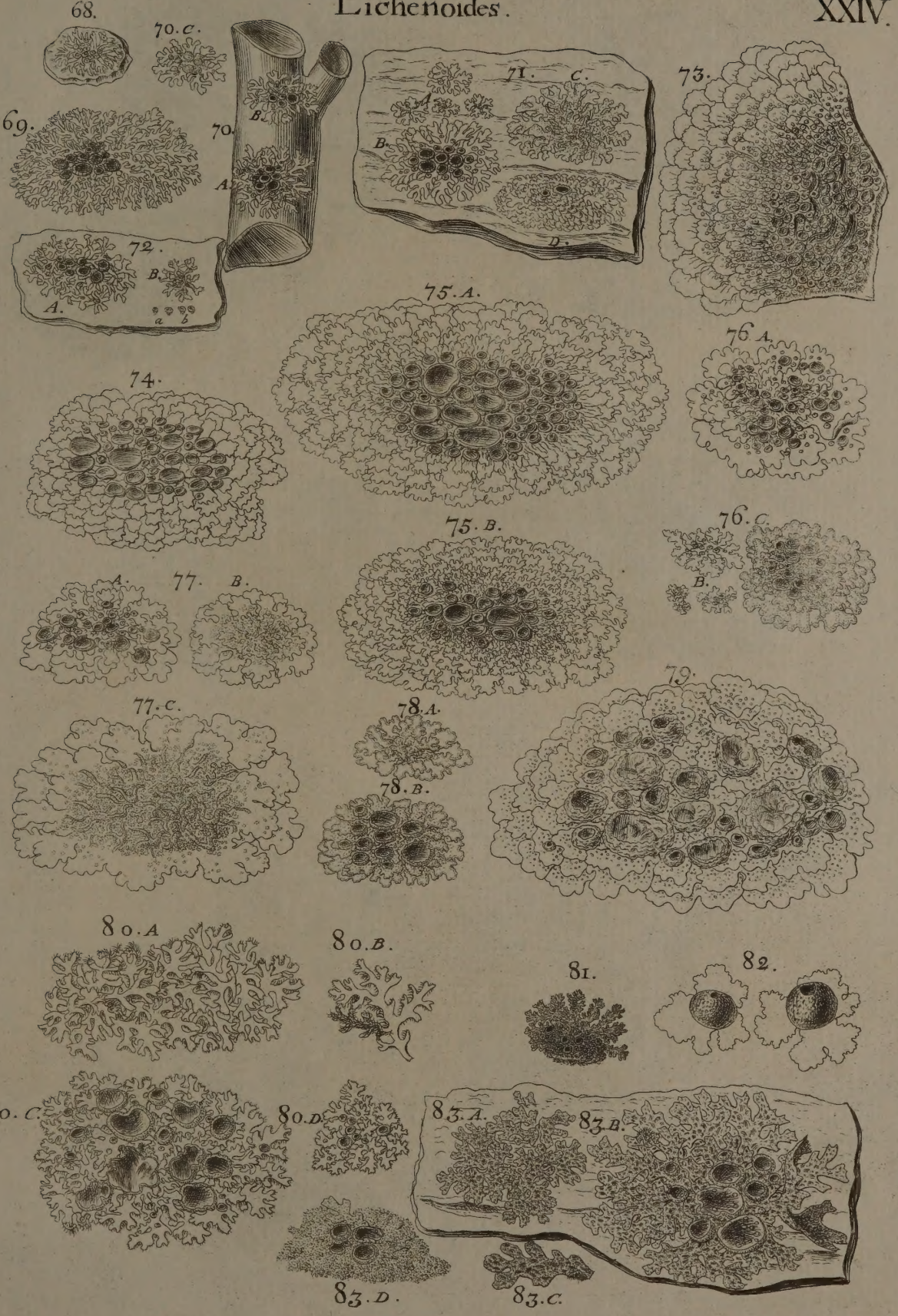

39.A.
39.B.
39.C.
39.D.
39.E.
42.B.
42.A.
43.
44.
45.A.
45.B.
45.C.
45.D.
47.
49.A.
49.B.
49.C.
49.D.
46.A.
46.B.
46.C.
46.D.
46.E.

50.A.
50.B.
51.
52.
53.
54.
55.A.
55.B.
55.C.
55.D.E.
55.F.
55.G.
55.H.
55.I.
56.A.
56.B.
57.A.
57.B.
57.C.
57.D.
57.E.

Lichenoides.

XXII.

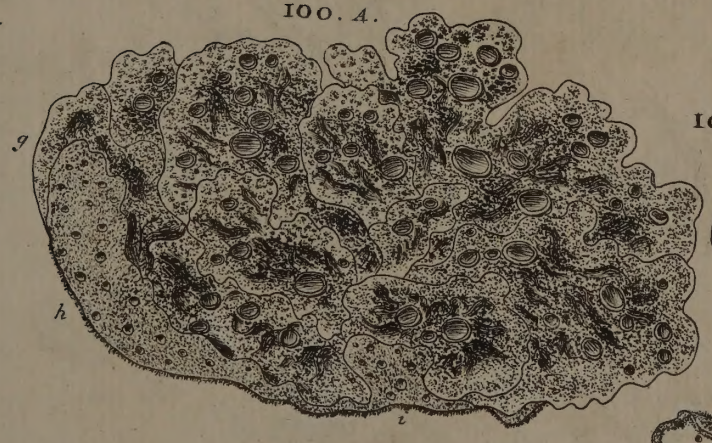
61. C.
61. D.
62. A.
62. B.
62. C.
a
b
63. A.
63. B.
63. C.
63. D.
63. E.
67.


68.
70. C.
69.
70.
B.
A.
71.
C.
A.
B.
D.
73.
72.
B.
A.
a
b
75. A.
76. A.
74.
75. B.
76. C.
B.
A.
77.
B.
77. C.
78. A.
78. B.
79.
80. A
80. B.
81.
82.
80. C.
80. D.
83. A.
83. B.
83. D.
83. C.

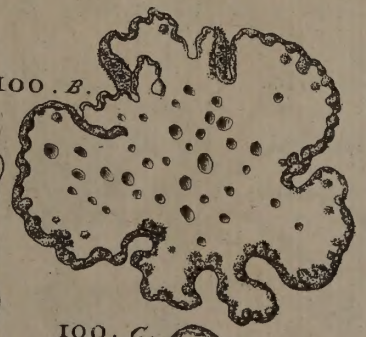
96. A.
96. B.
97. A.
97. B.
97. C.
97. C.
98. B.
98. A.

99.

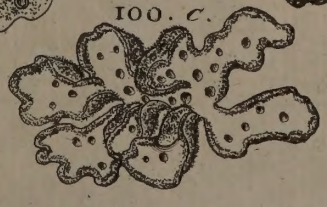
100. A.



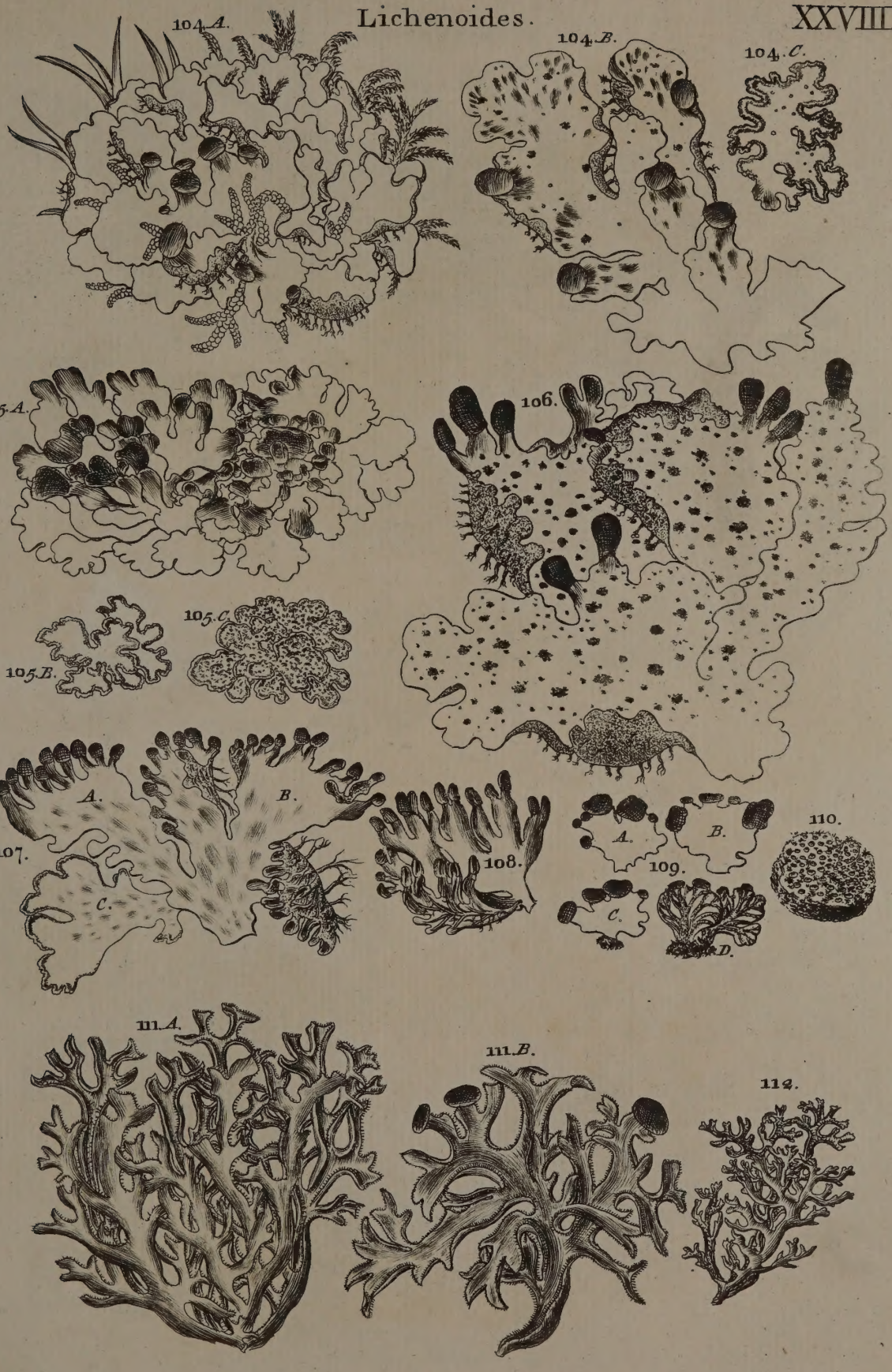
100. B.



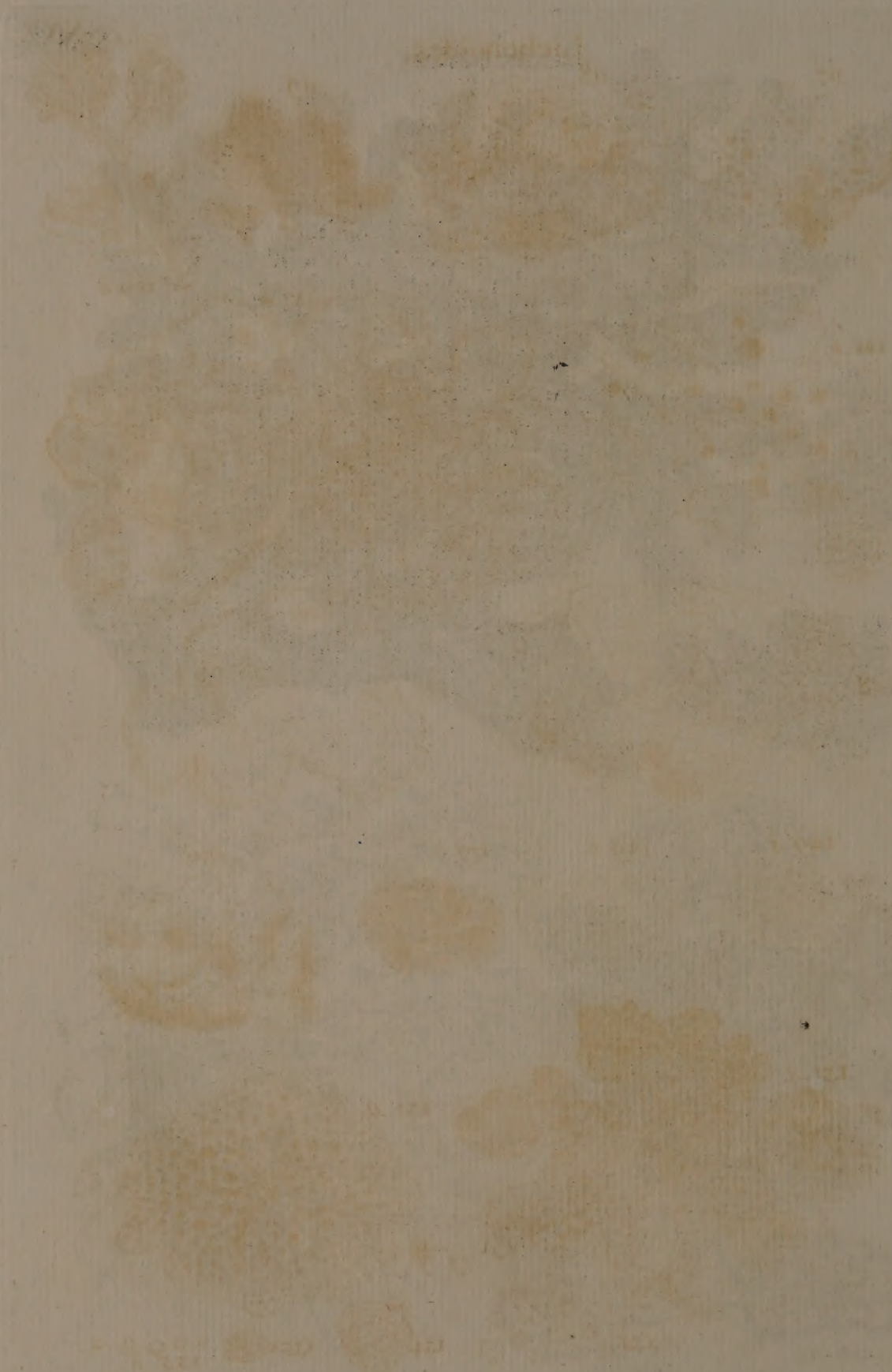
100. C.



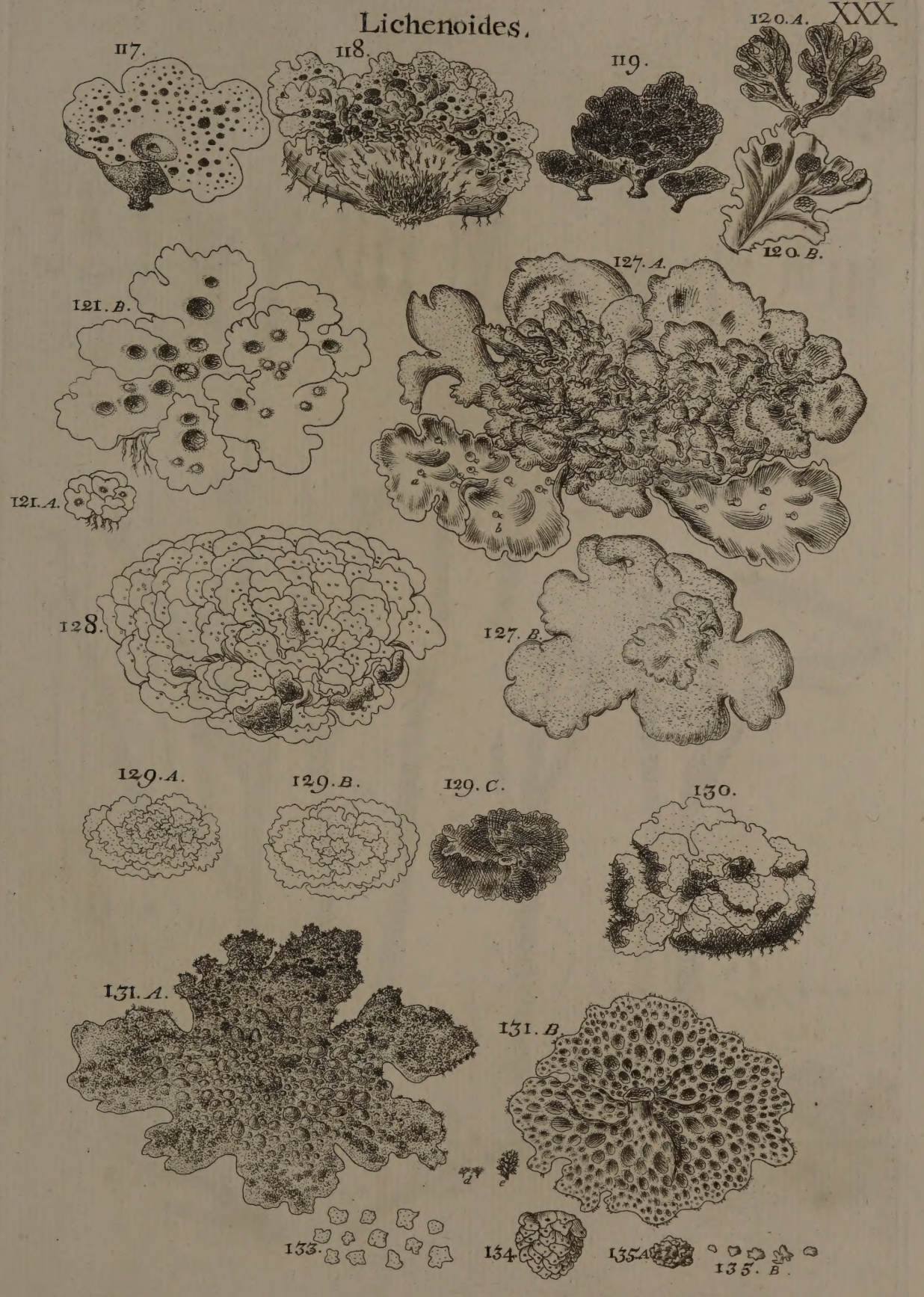
101.
102. E.
102. A.
B.
102.
C.
D.
103. A.
103. B.

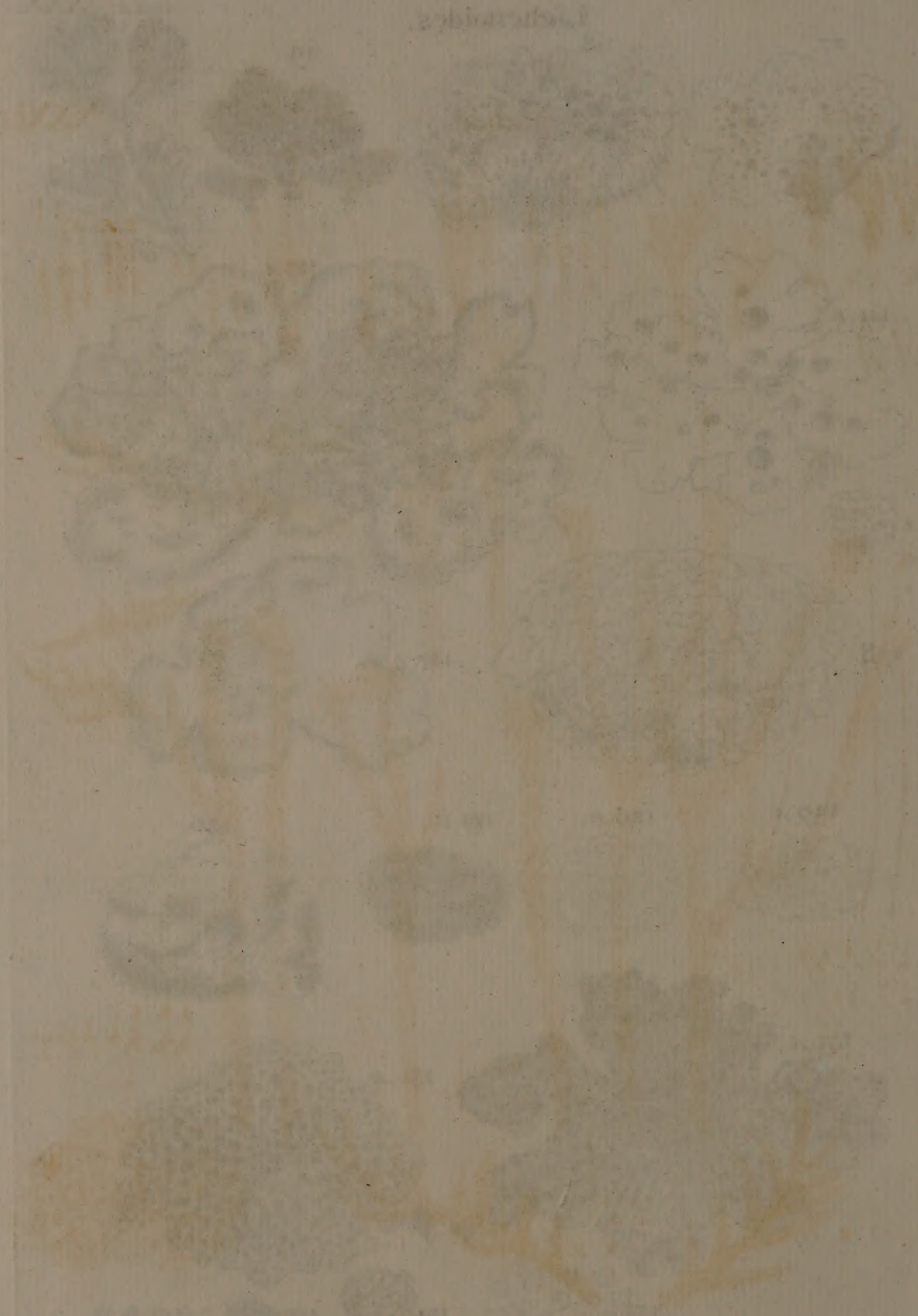

104. A.
104. B.
104. C.
105. A.
106.
105. C.
105. B.
A.
B.
107.
C.
108.
A.
B.
109.
C.
D.
110.
111. A.
111. B.
112.

Lichenoides.



Lichenoides.





1. A. B.
1. C.
2. A.
2. B.
2. C.
2. D.
2. E. F.
3. A. B.
3. C.
3. D.
3. E.
4.
5. A.
5. B.
5. C.
6.
7.
8. A.
8. B.

Sphagnum

XXXII.

Fontinalis. XXXIII.

Hypnum.

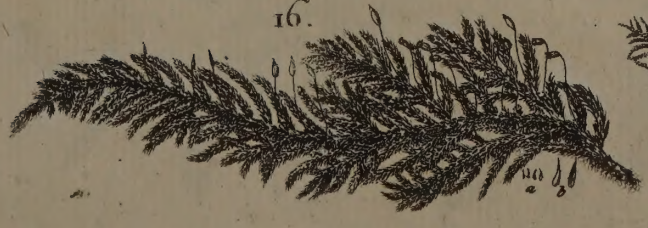
13.

14.

15.A. 15.B.

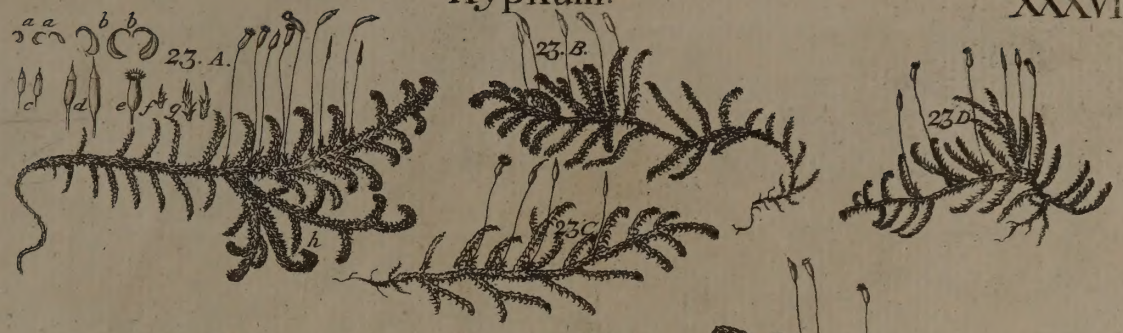
15.C.

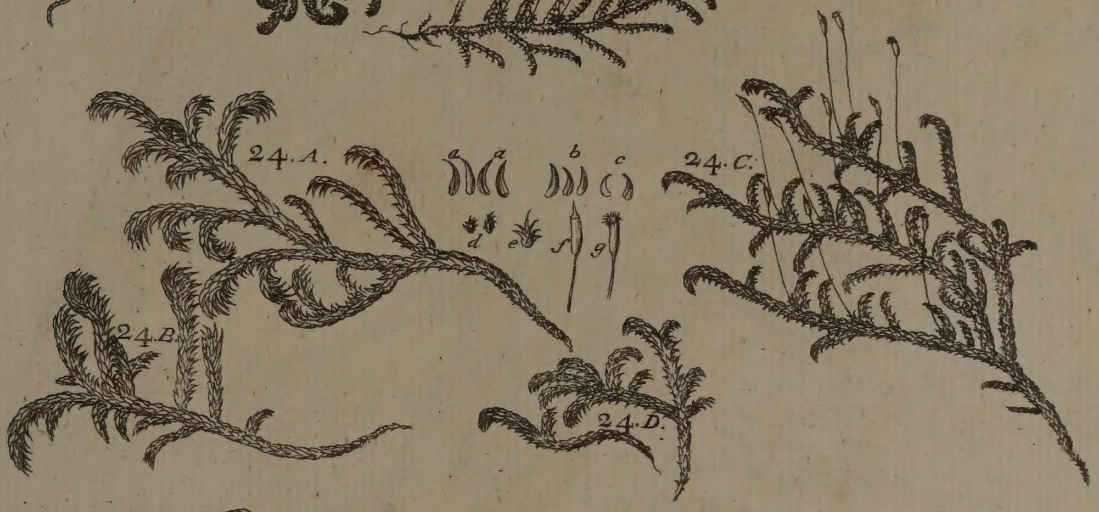
16.

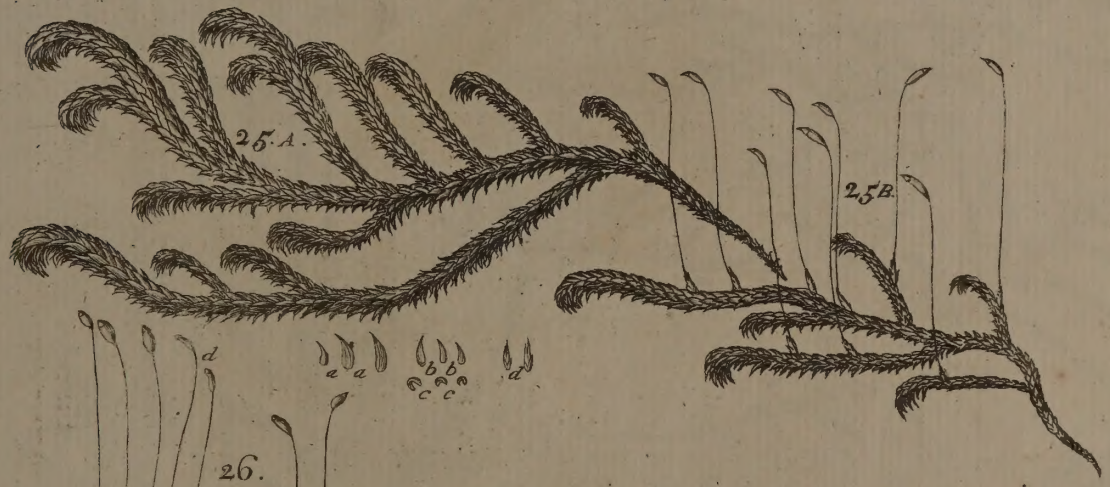


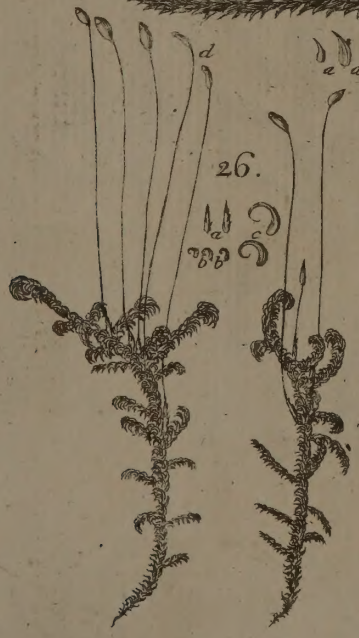
17.

Hypnum.
XXXVI.
18.
19.A.
19.
20.A.
20.B.
19.B.
C.
D.
E.
F.
21.A.
21.B.
22.A.
22.B.
22.C.
11.
12.
B
A


23. A.
23. B.
23. C.
23. D.

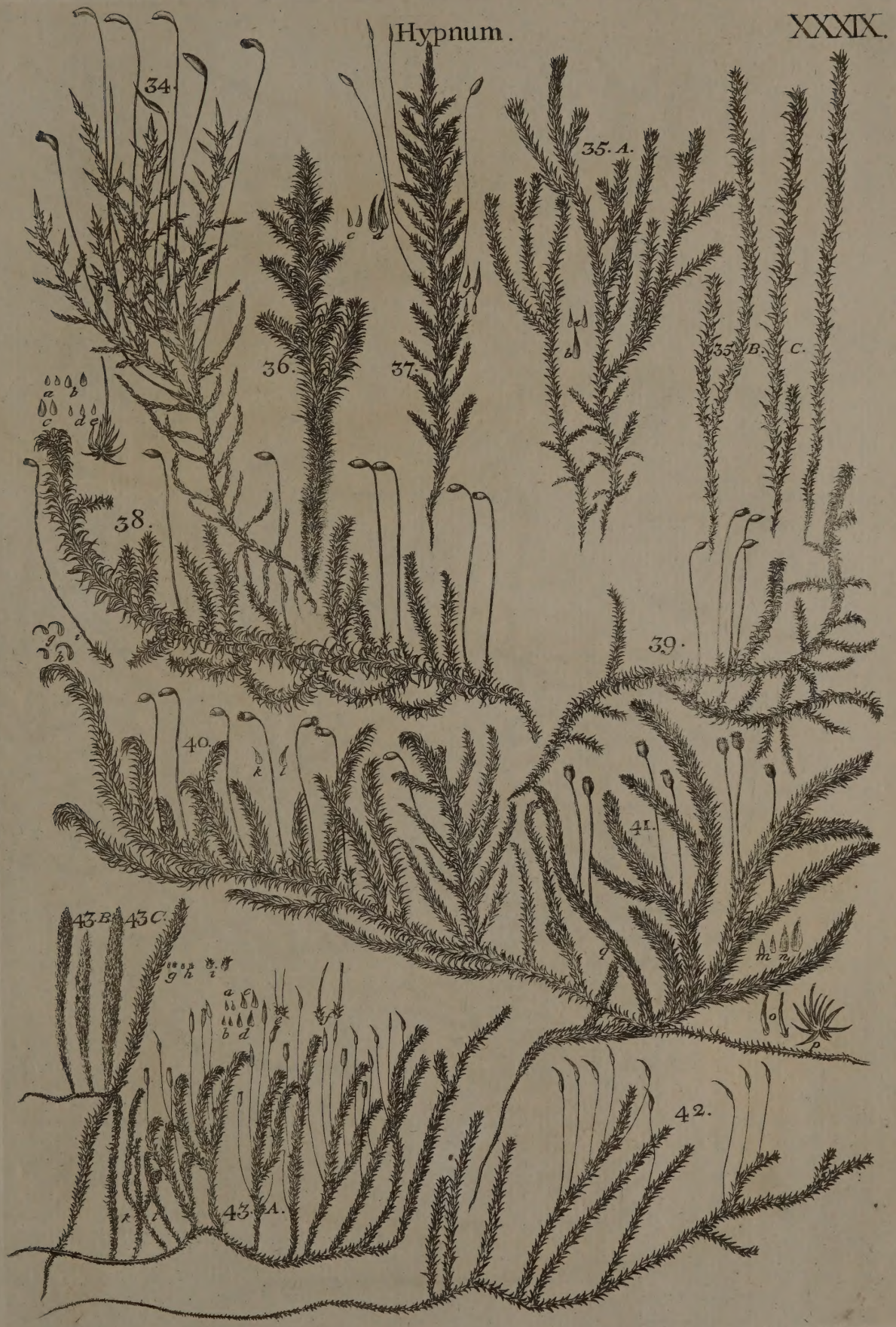

24. A.
24. B.
24. C.
24. D.


25. A.
25. B.


26.

27. A.
27. B.

28.
29.A.
29.
29.B.
C.
30.A.
32.
33.
31.B.
30.B.
31.C.
31.A.

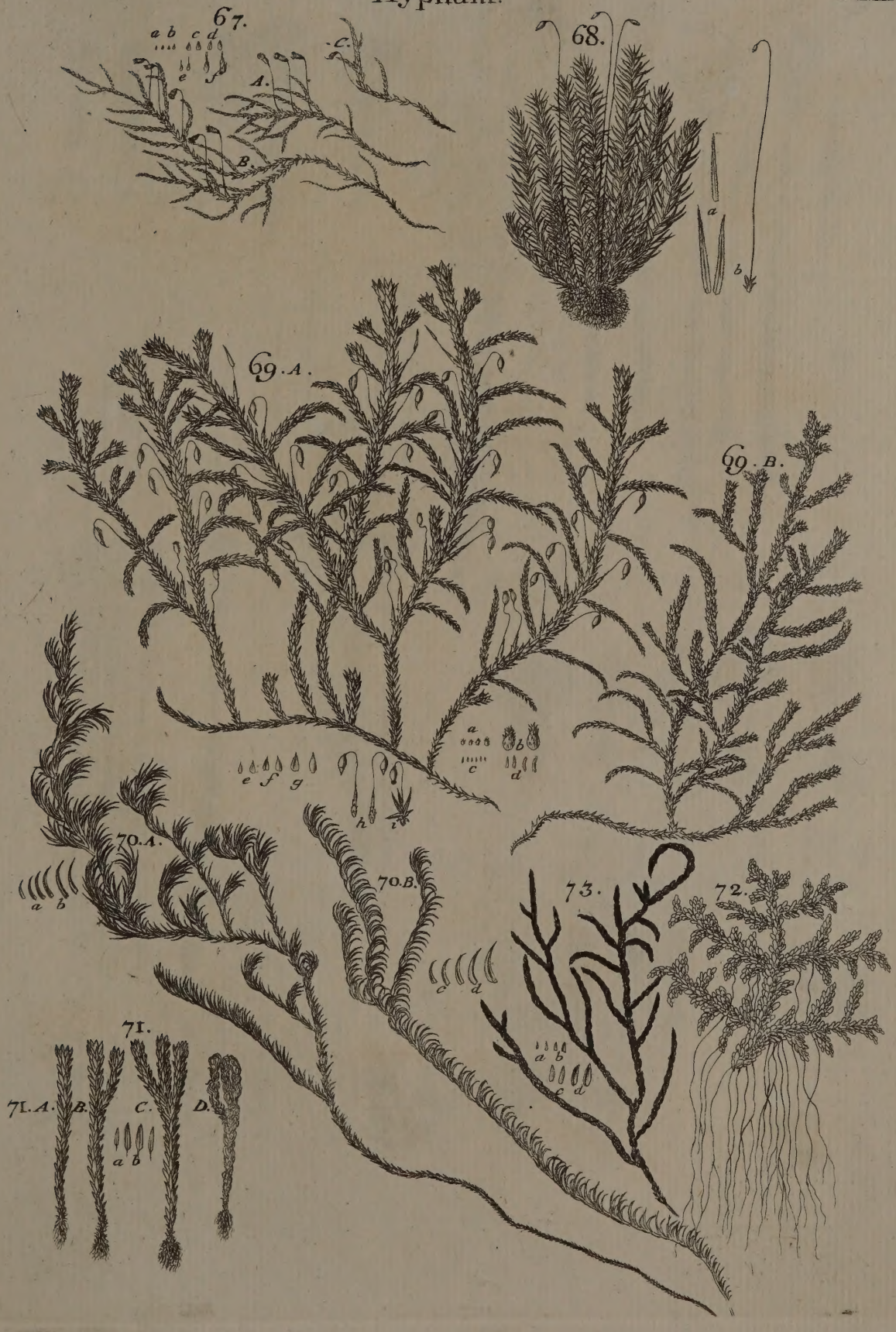

34.
35. A.
36.
37.
35. B. C.
38.
39.
40.
41.
43. B.
43. C.
42.
43. A.

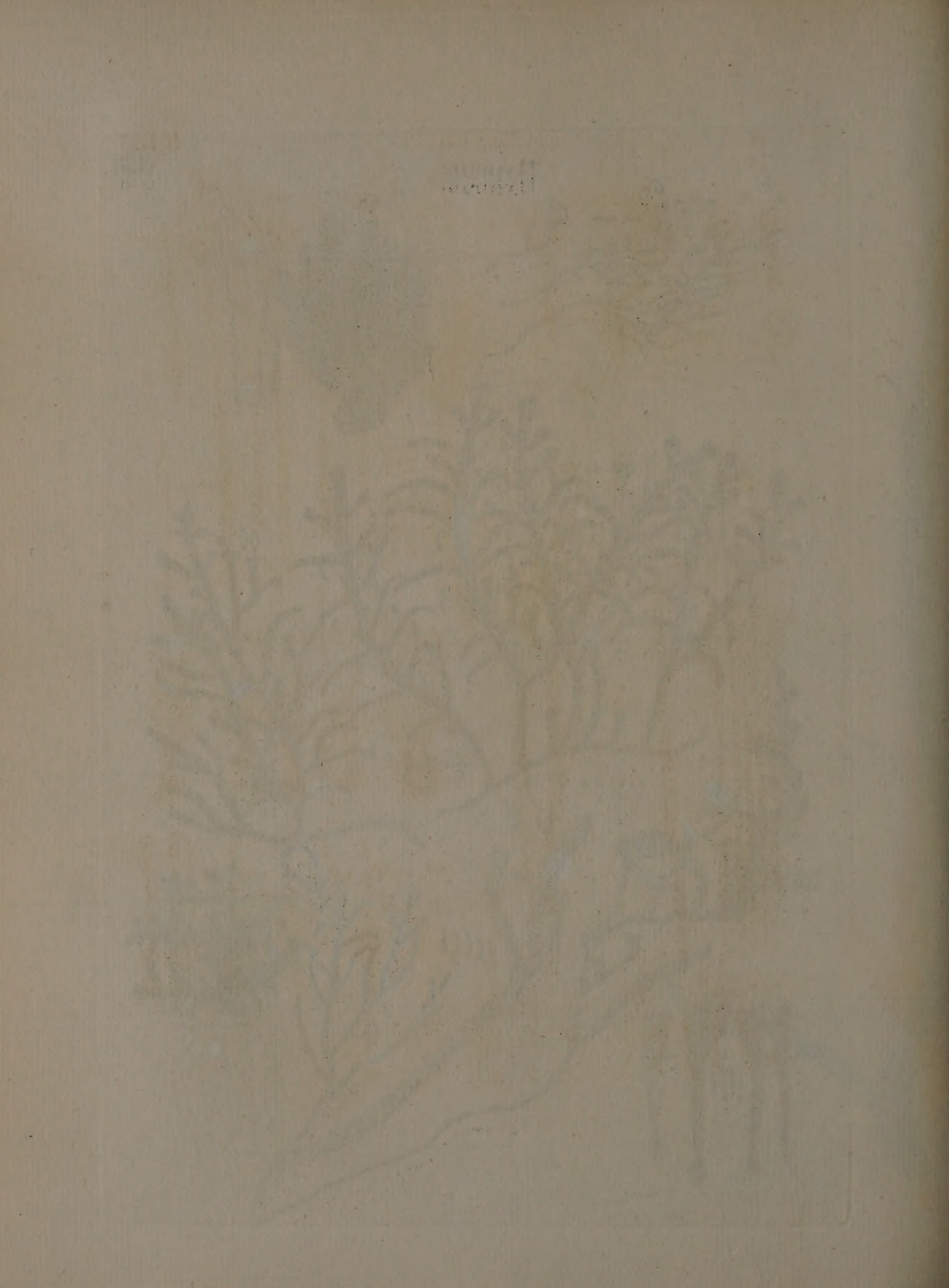
Hypnum.

44. A.
44. B.
44.
E.
D.
44. C.
a b c d e
f g h i k
48. A.
a b c d
45. A.
45. B.
46. C.
a
b
47.
48. B.
m n o
46. A.
c
d
46. B.

49.
58. C.
58. D.
58. A.
B.
50. A.
50. B.
52.
51. C.
51. A.
51. B.
53. A.
53. D.
B.
C.
55. A.
B.
54. A.
D.
56.
55. B.
C.
57.
55. D.

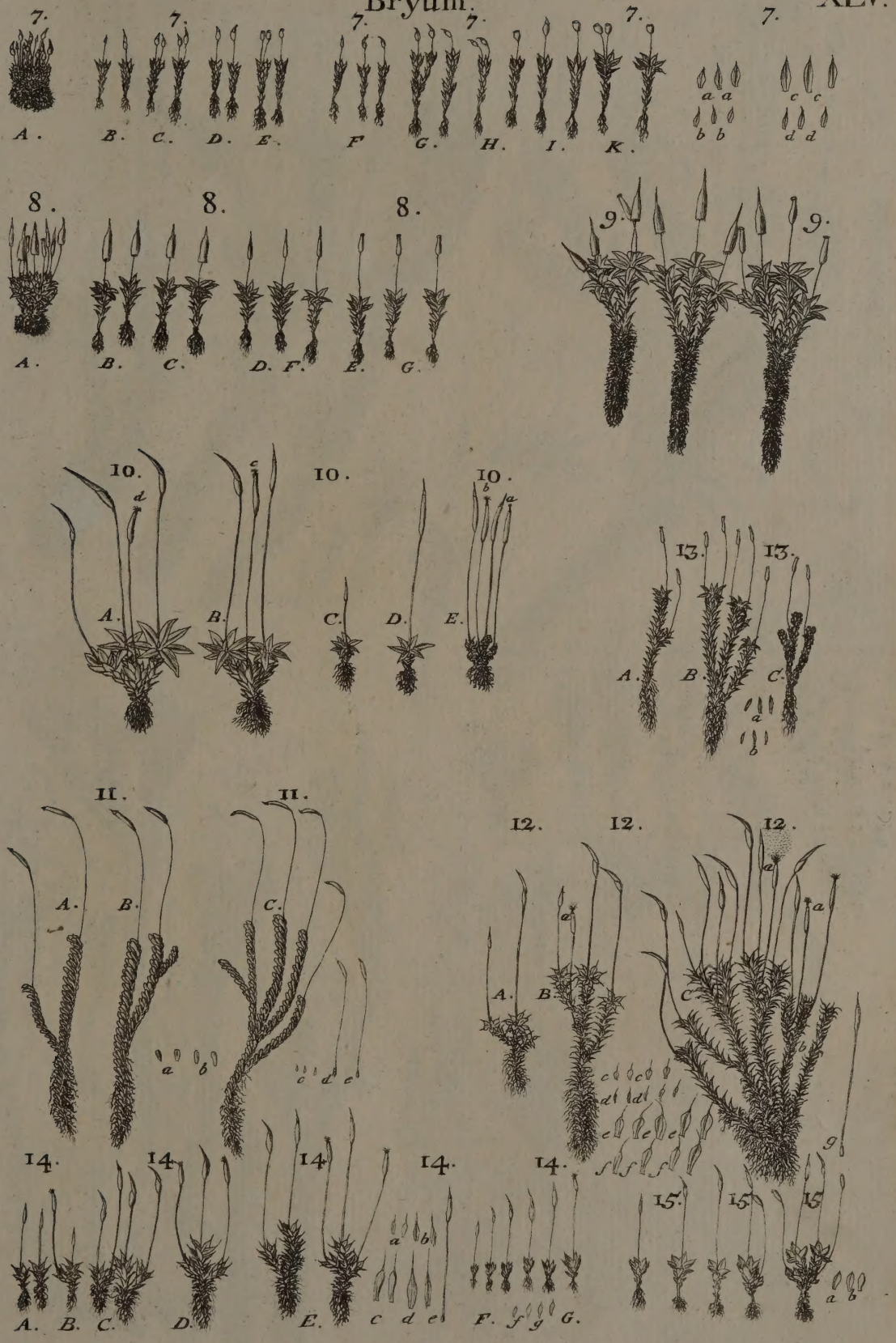
59.
60.
61 A.
61 B.
61 C.
61 D.
62.
63.
64 A.
64 B.
65.
66.


67.
68.
69. A.
69. B.
70. A.
70. B.
71.
71. A. B. C. D.
72.
73.



Bryum.

1.
A.
B.
1.C.
1.D.
2.A.
2.B.
2.C.
2.D.
E.
2.F.
I.
5A.
5B.
2.
G.
H.
3.A.
3.B.
3.C.
3.D.
3.E.
3.F.
4.A.
4.B.
4.C.
4.D.
4.E.
4.F.
4.G.
6.
A. B. C. D. E. F. G.
H. I. K. L. M.

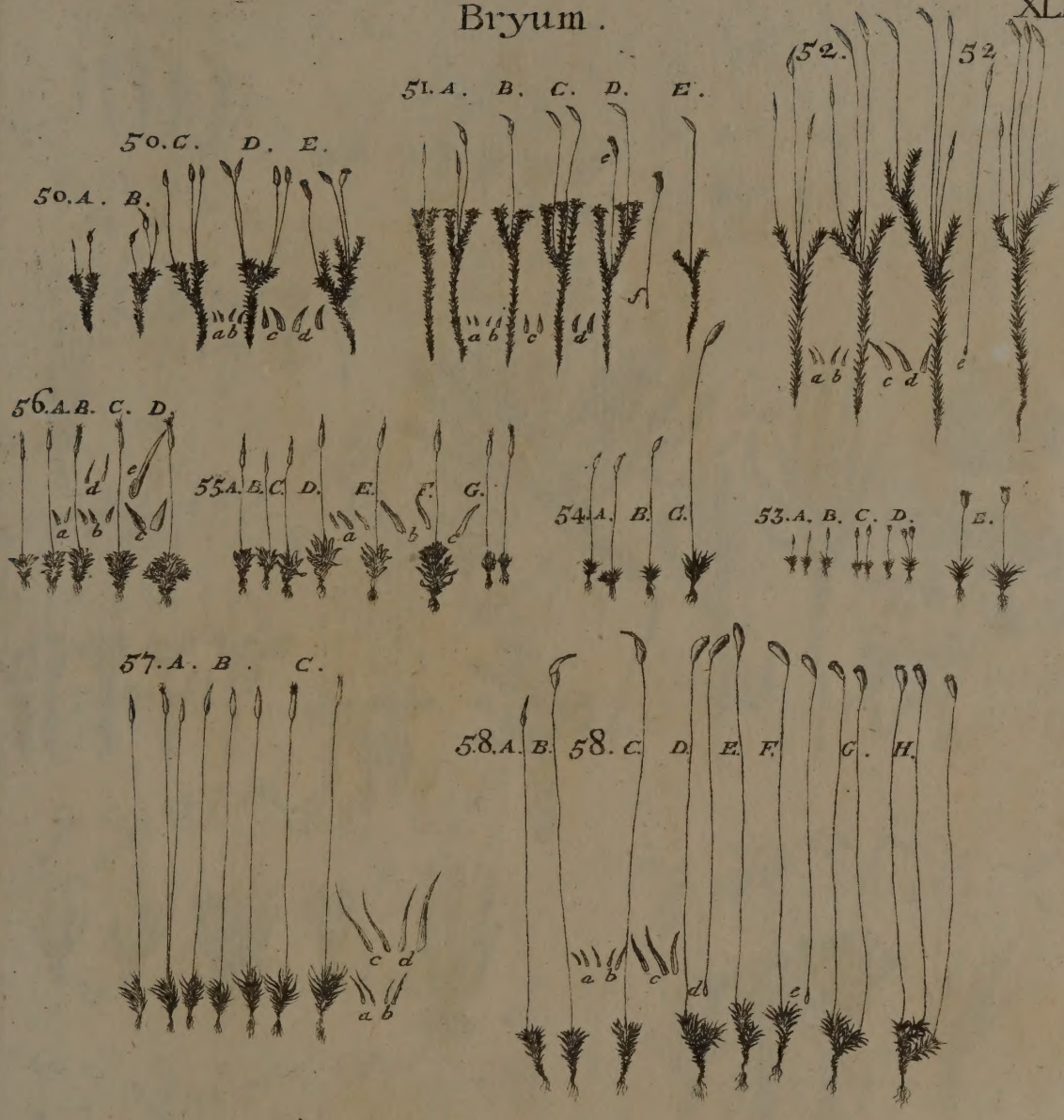

7.
A.
B.
C.
D.
E.
F
G.
H.
I.
K.
a a
b b
c c
d d
8.
9.
10.
d
c
13.
a
b

16.
16. A.
B.
C.
16. E.
F.
G.
16.
H.
D.
16.
17.
18.
18.
A.
18. B.
C.
D.
20.
20.
19a
19
22.
21.
21.
23.
23A.
B.
C.
24.
24.
25
25
A.
B.
C.
26. A.
26.
26.
B.

27.
27. A.
27.
28.
39.
39. A.
29.
29. C.
29. A.
32. B.
30. A.
30. B.
31.
33.
32. A.
32. B.
33. E.
34.
34. A.
35.
36.
36. A.
37.
37. E.
38.

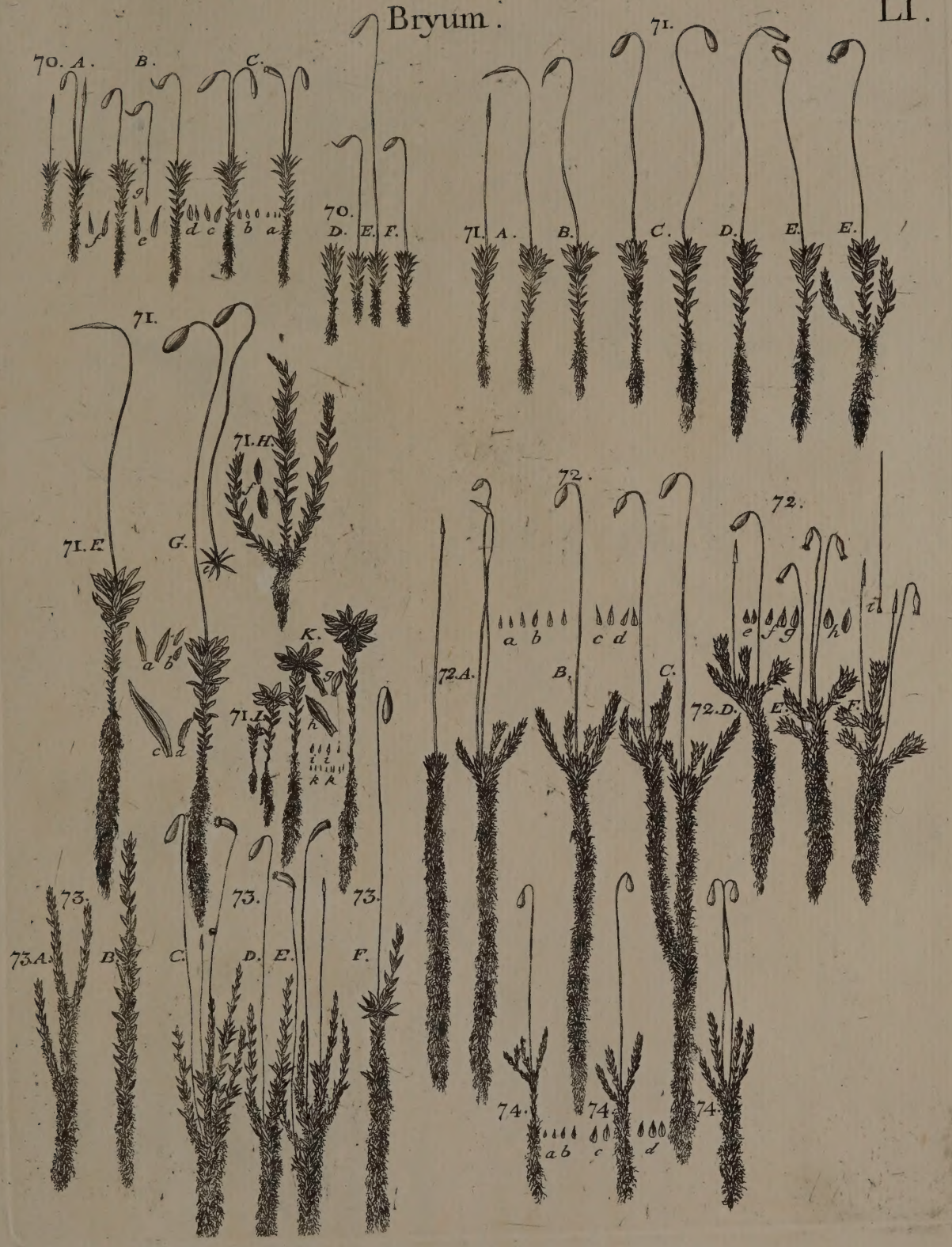
40.
A.
B.
C.
D.
E.
F.
40.
G.
H.
41. A.
B.
C.
D.
41. E.
42. A.
B.
C.
42. D.
43. A. B.
43. C.
D.
43. E.
F.
44.
44.
A.
B.
C.
D.
45.
45. A.
B.
C.
46.
46.
46. A.
B.
C.
47.
47.
47. A.
B.
C.
D.
E.
F.
48.
48.
49.
49. D.
49.
49.
A.
B.

Bryum.


50. A. B. C. D. E.
51. A. B. C. D. E.
52. 52.
56. A. B. C. D.
55. A. B. C. D. E. F. G.
54. A. B. C.
53. A. B. C. D. E.
57. A. B. C.
58. A. B. 58. C. D. E. F. G. H.

Bryum.

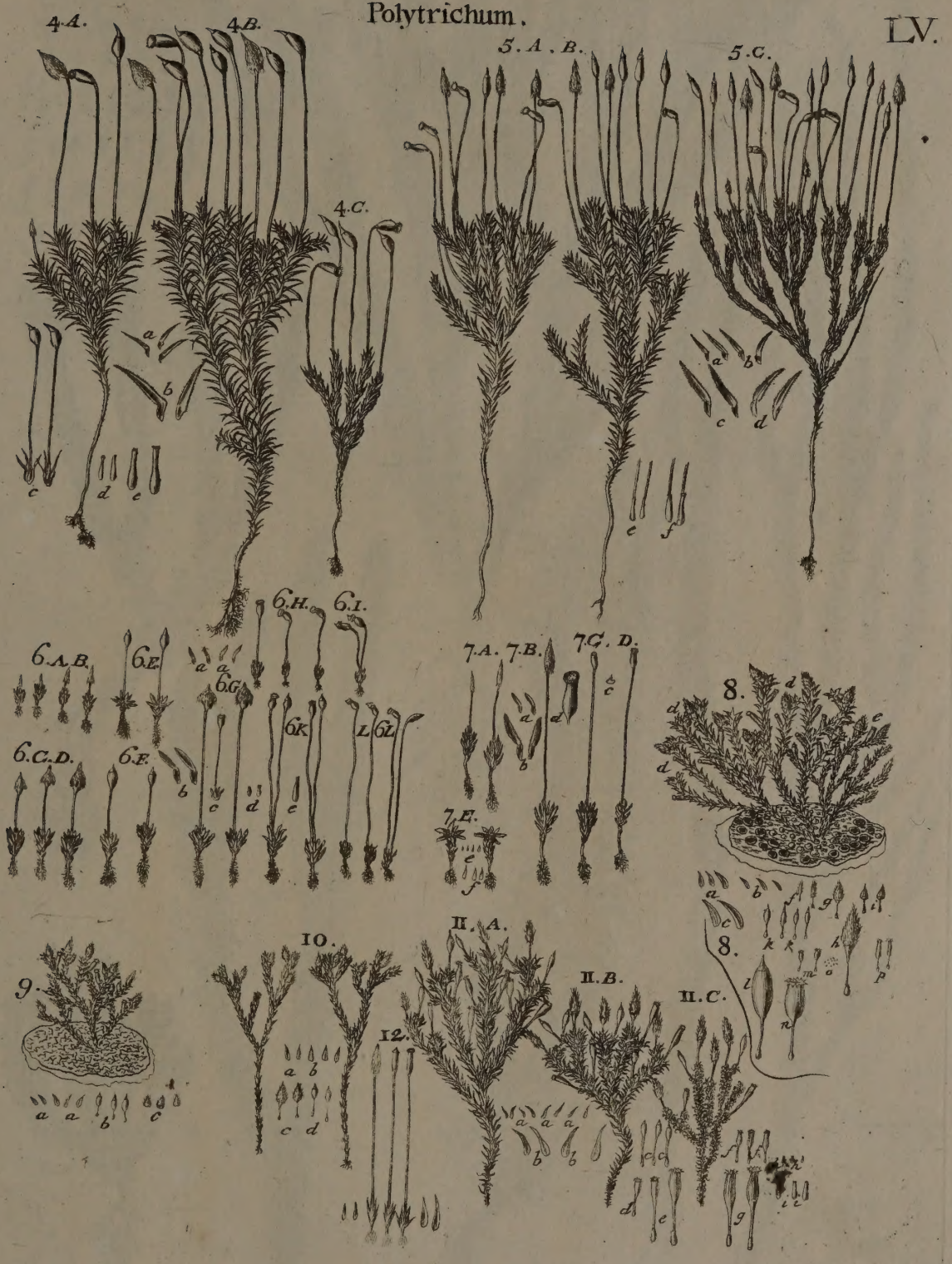
59. A. B. C.
59.
60.
61.
62.
63. A. B. C. D. E.
64. A. B. C.
65. A. B. C. D. E.
66. A. B. C. D. E. F. G. H.
67. A. B. C.
68. A. B. C. D. E. F.
69. B. C. D. E. F. G.

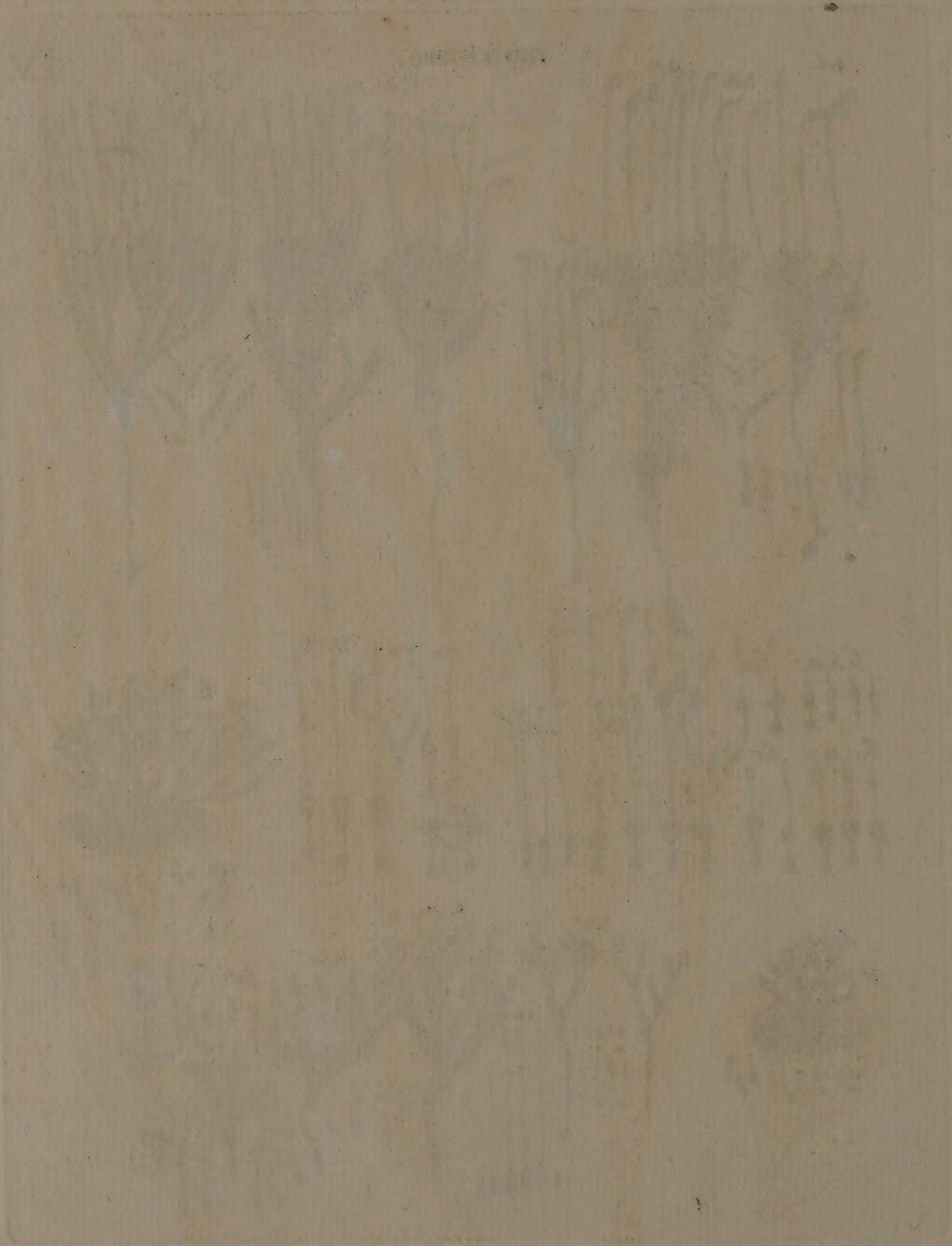

70. A. B. C.
70. D. E. F.
71.
71. A. B. C. D. E. E.
71. H.
71. E. G.
K.
71. I.
72.
72. A. B. C.
72. D. E. F.
73.
73. A. B. C. D. E. F.
74.

75. A.
C.
B.
a a a a
b b c c d d
c e e e
75. D.
E.
F.
75. G. H.
75. I.
76. A.
76. B.
76. C.
76. D.
76. E.
a b c d
e
77. A.
77. B.
C.
77. D.
77. E.
c c d c
b
a
78. A.
a
b
a
78 B.
78. C.
c d

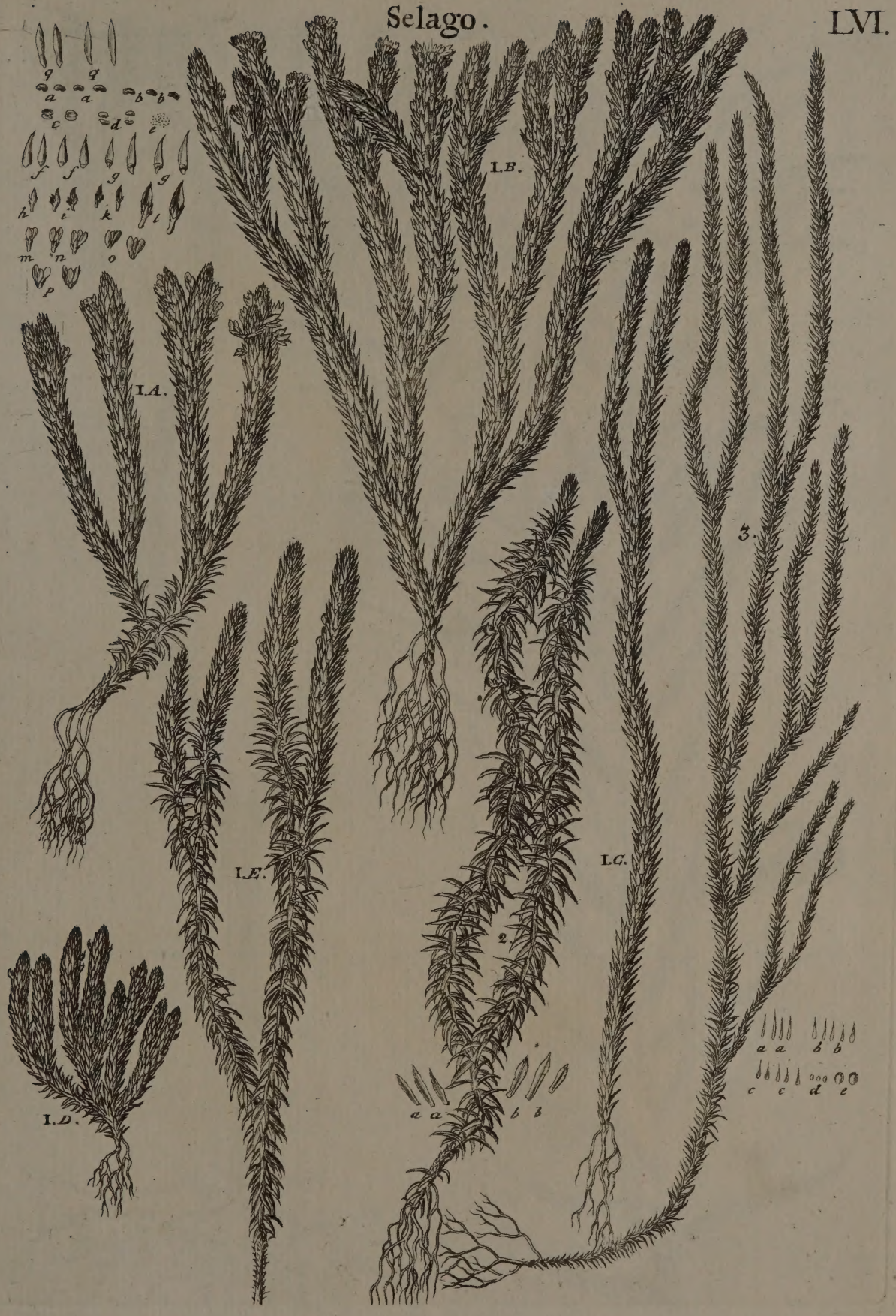
79. A.
B.
C.
a
b
79. D. E.
c d
F.
79. G.
H.
I.
f
e
K.
L.
79. M.
80. A.
B.
80. C.
a
b
81. A. B.
81. C.
81. D.
D.
F.
81. E.
81. G.
81. H.
a
b
c d
81. I.
81. K.
81. L.
81. M.
N.
O.

Polytrichum.
LIV.
1.A.
1.B.
1.C.
1.D.
1.E.
1.F.
1.G.
1.H.
2.
A.
B.
C.
D.
2.
E.
F.
G.
2.I.
K.
2.H.
3.A.
3.B.
C.
D.
E.
3.F.

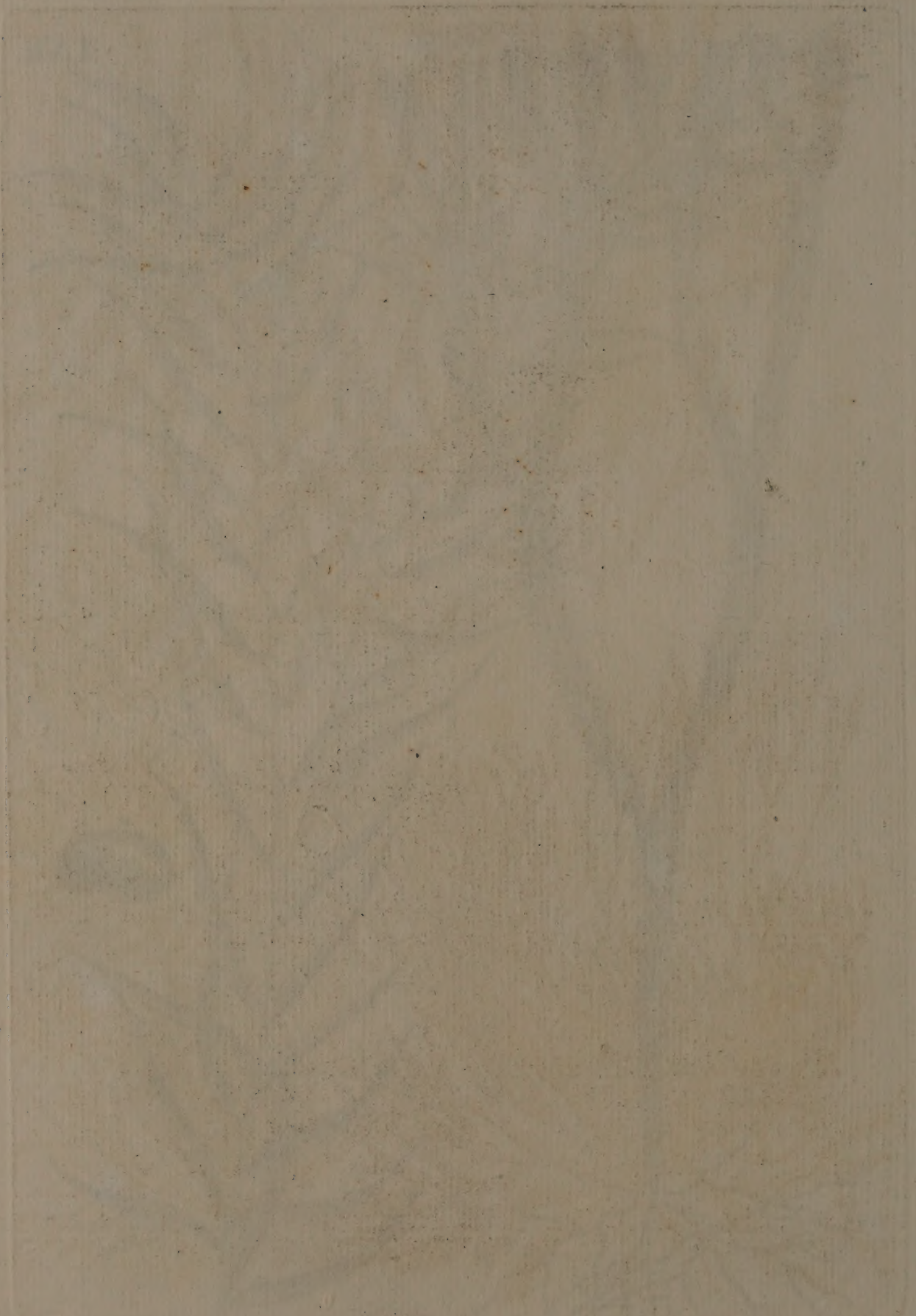

4.A.
4.B.
4.C.
5.A.B.
5.C.
6.A.B.
6.C.D.
6.E.
6.F.
6.G.
6.H.
6.I.
6.K.
L.
6.L.
7.A.
7.B.
7.C.D.
7.E.
8.
9.
10.
11.A.
11.B.
11.C.
12.

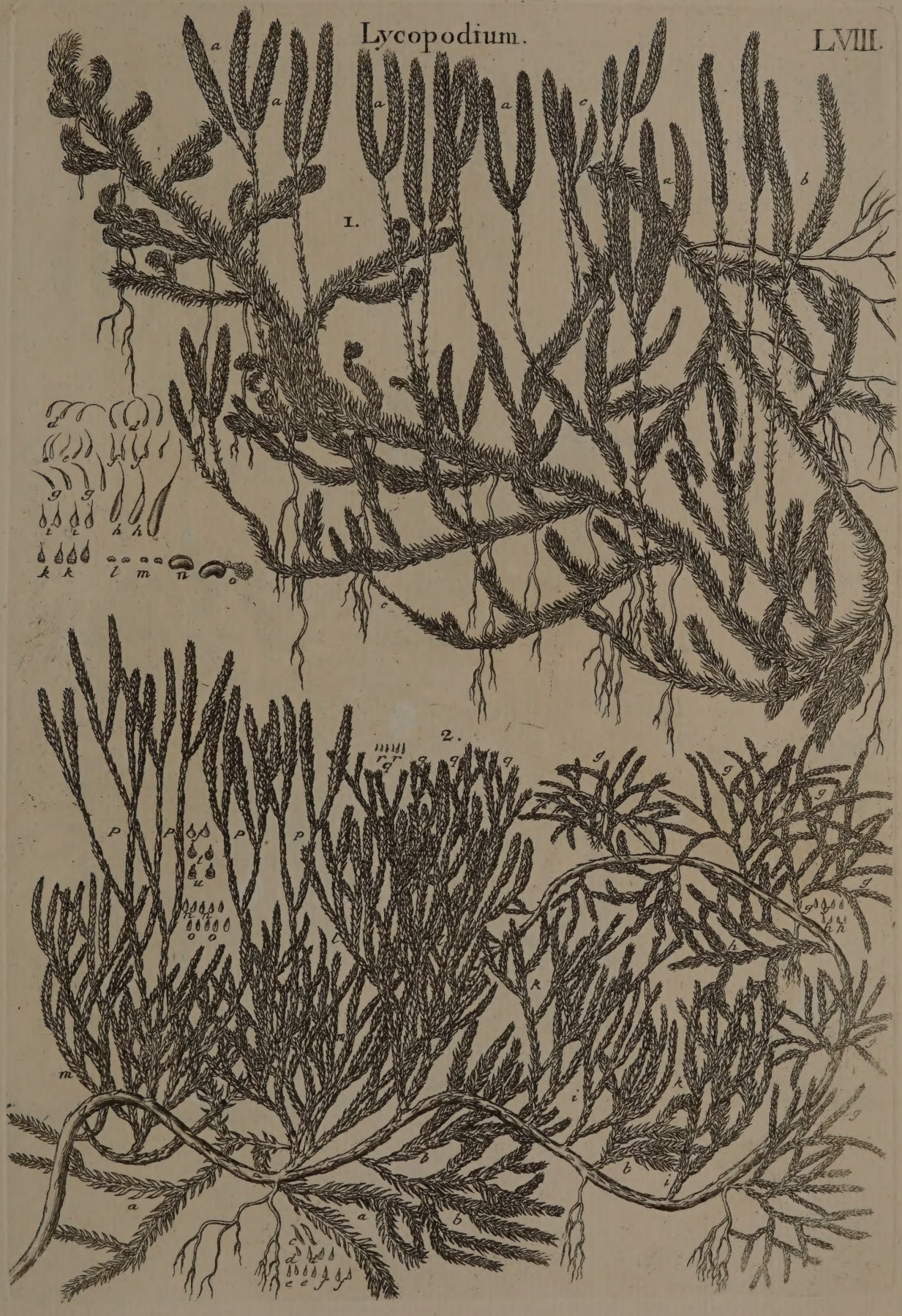


Selago.



Selago. LVII.

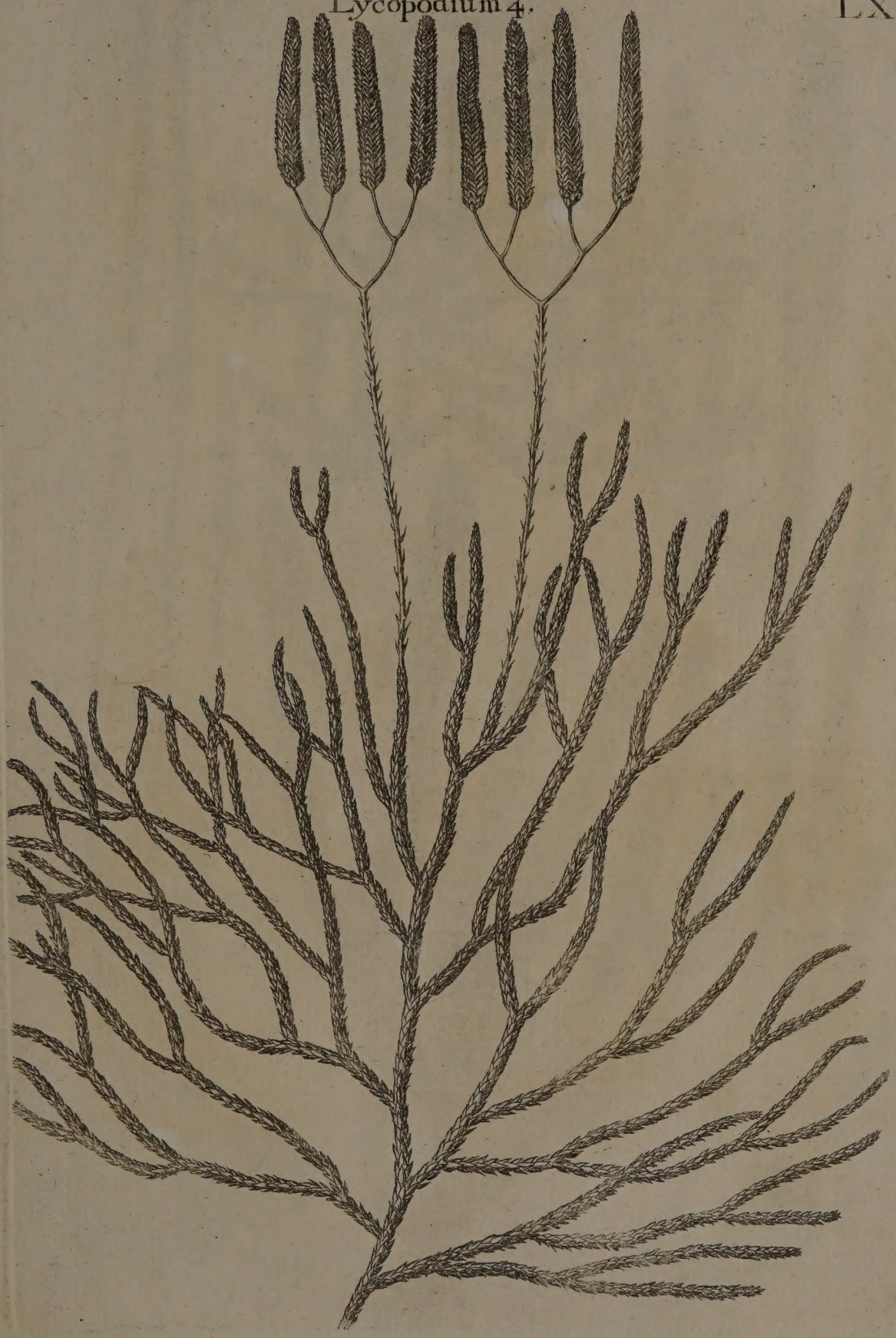


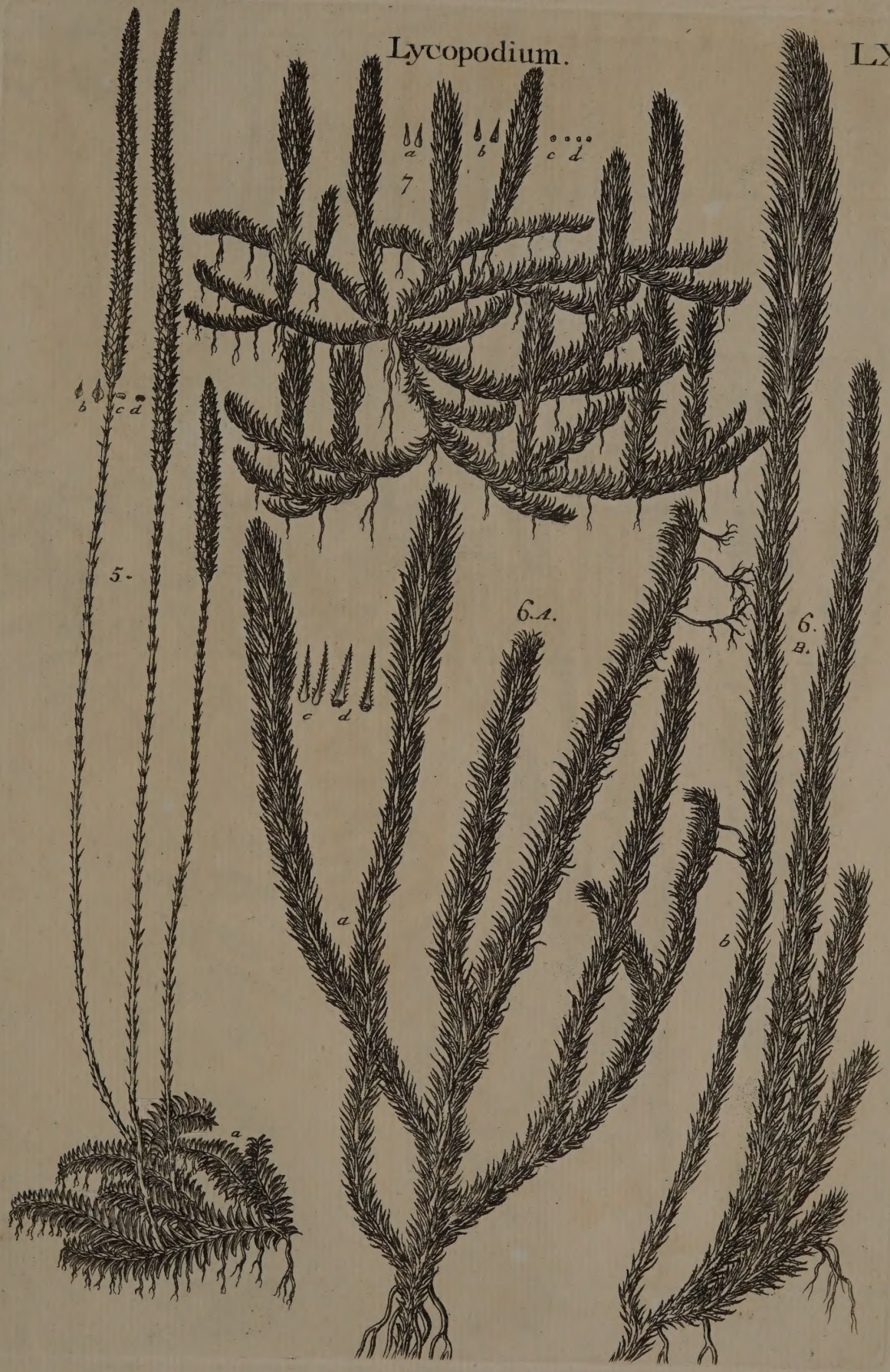

1.
2.

Lycopodium 3.

LIX.

Lycopodium 4. LX.




a
b
c
d
7
5.
6.A.
6.
B.
a
b

Lycopodium 8.

Lycopodium.
LXIII.
II. A.
10. A.
9.
III. B.
10. B.

Lycopodium.

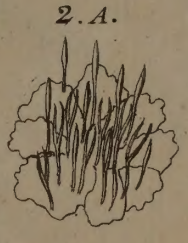
12.

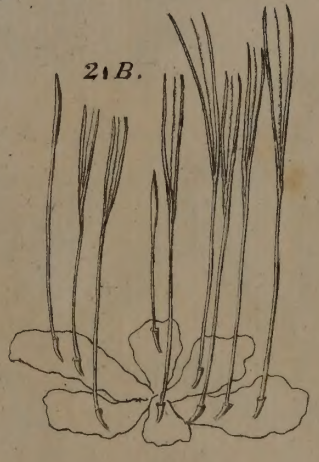
3.
2.D.
4.
B
A
2.B.
C.
2.A.
a
b

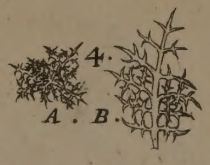
5.
6.
7.

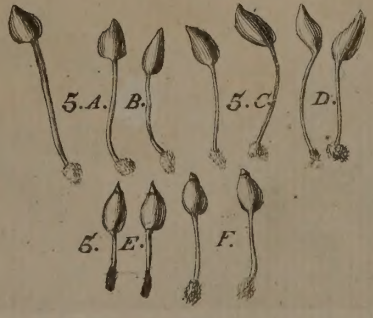
1.B.
8.
9.B.
9.A.
10.
11.
1.A.
A
B

Anthoceros.



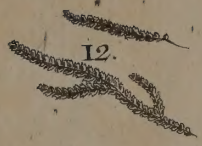


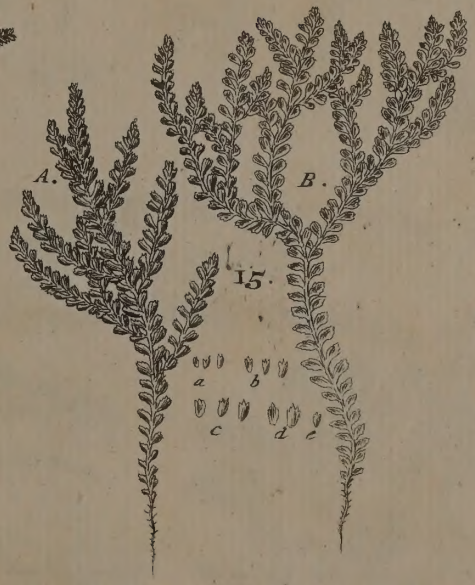


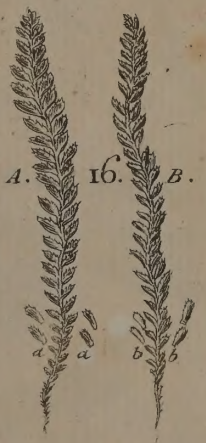


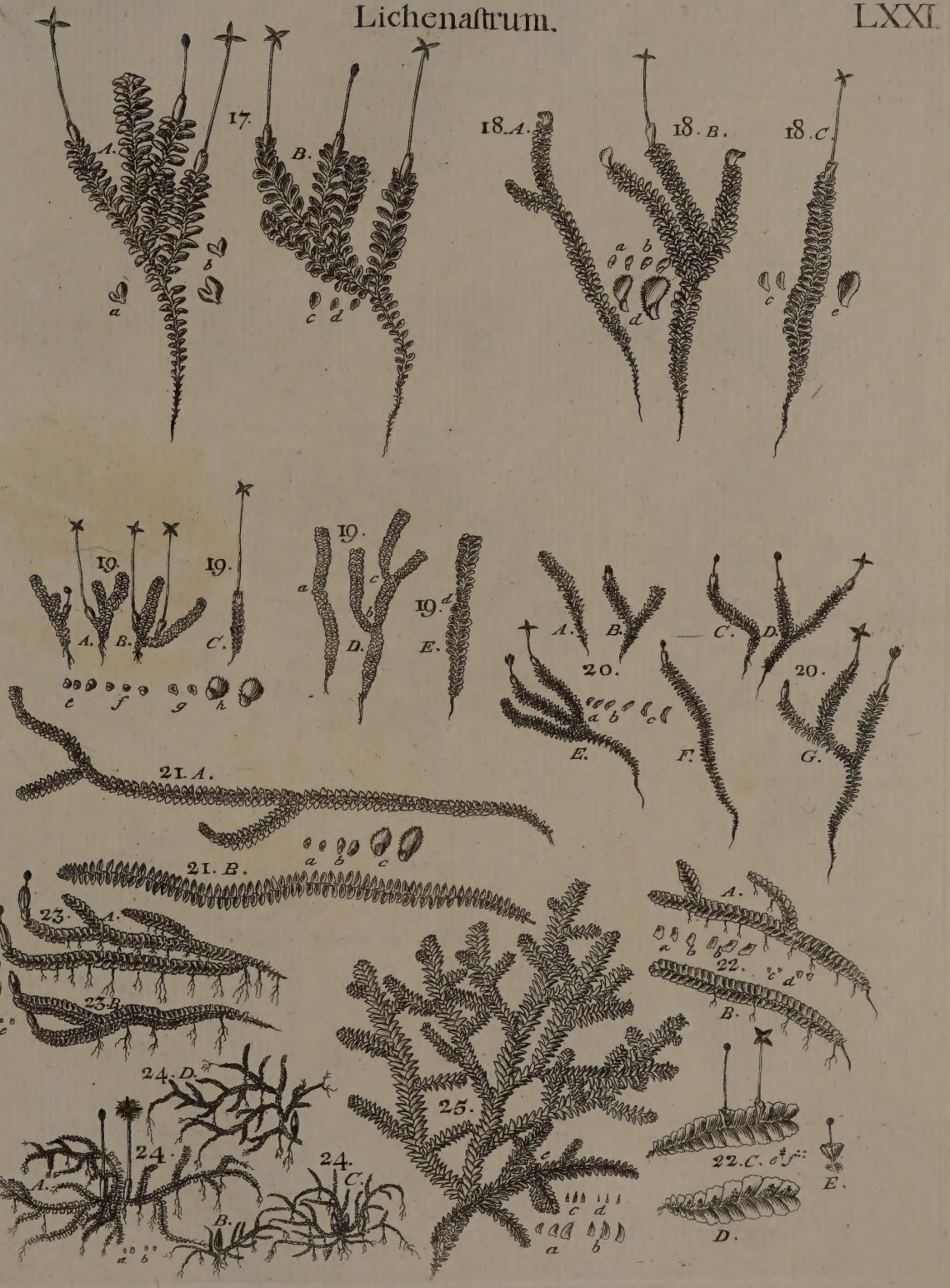
I.
A.
B.
C.
D.
E.
F.
G.
H.
a b c d e f g
h i k l m n
2.A.
2.B.
3.A.
3.B.
3.C.
4.
A.
B.
5.A.
5.B.
5.C.
6.A.
6.B.
6.C.
7.A.
7.B.
7.C.
8.

Lichen aſtrum.








17.
A.
B.
a
b
c
d
18. A.
18. B.
18. C.
19.
19.
19.
A.
B.
C.
D.
E.
c
f
g
h
20.
20.
E.
F.
G.
21. A.
21. B.
23.
A.
23. B.
24. D.
24.
24.
25.
A.
B.
C.
22.
22. C.
B.
D.
E.

26.
27.
28.
28. C.
30.
29.
31. A.
31. B.
31. C.
32. A.
32. B.
32. C.
32. D.
33. A.
33. B.
34. B.
34. A.

Lichenaſtrum.
LXXIII.
35.
A.
B.
C.
D.
36.
37.
38.
39. A.
39. B.
40.

Lichenastrum.

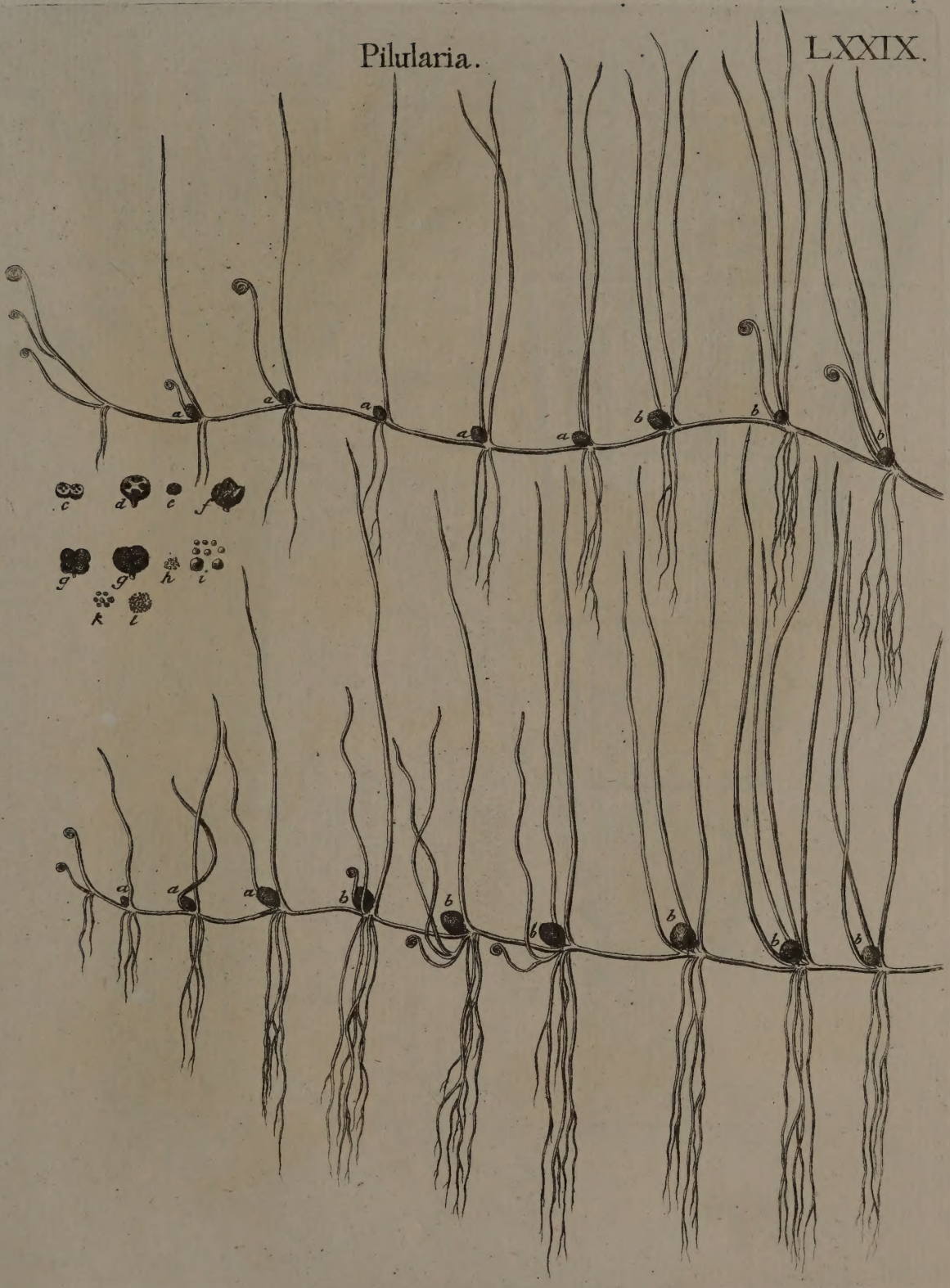
1.
1.A.
1.B.
1.C.
a a a b
c c
d d d d
e
2.
2 A. B.
2. C.
2. a b c d e 2. D. E. F.
2. G.
3.
3. A.
3. B. a b
3.C.
4.
a b
5.
5.A.
5. b g B.
5. i k l C.
5.E. a b D.
F.
5. c d e f
G.

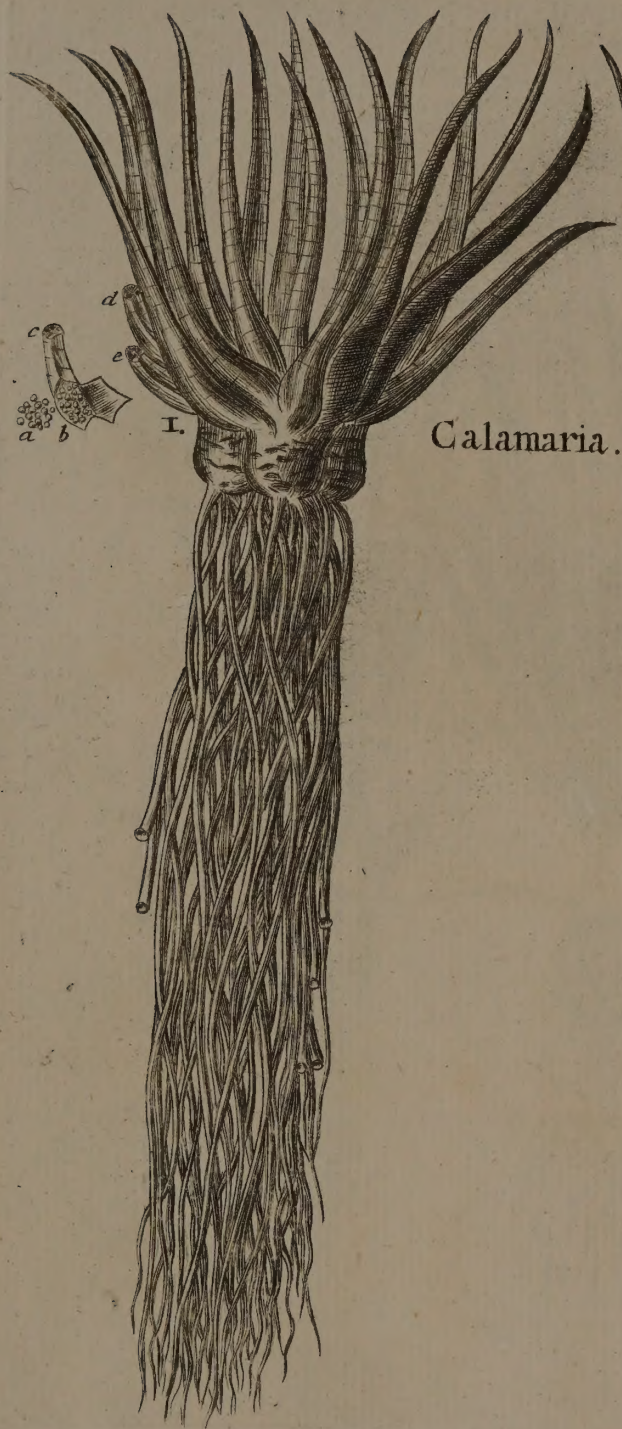
6. A.
6. B.
6. C.
6. D. e
6. E
6. F

7. A.
7. B.
7. C.
7. D.
7. E.
8.

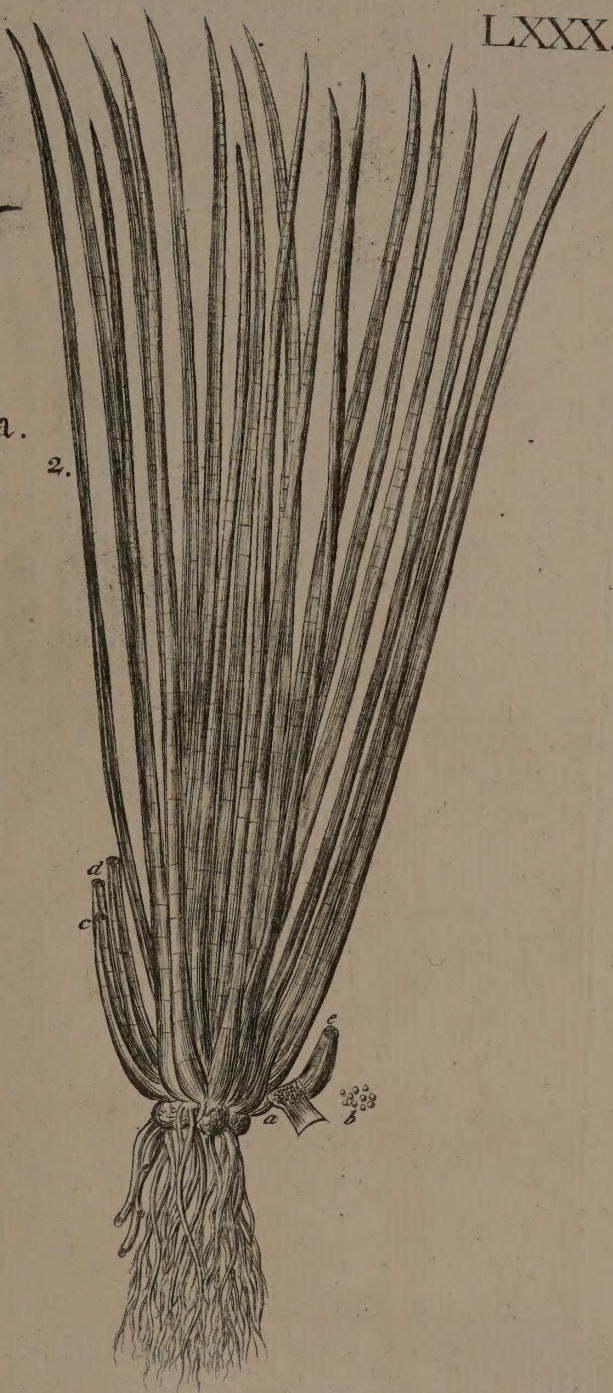
9.
A.
B.
C.
D.
E.
F.
a
b
c
d
e
G.
H.
10.
11.
12.
g
13.
14.
15.
i
c
16.
l
k
m
n
f

Pilularia. LXXIX.

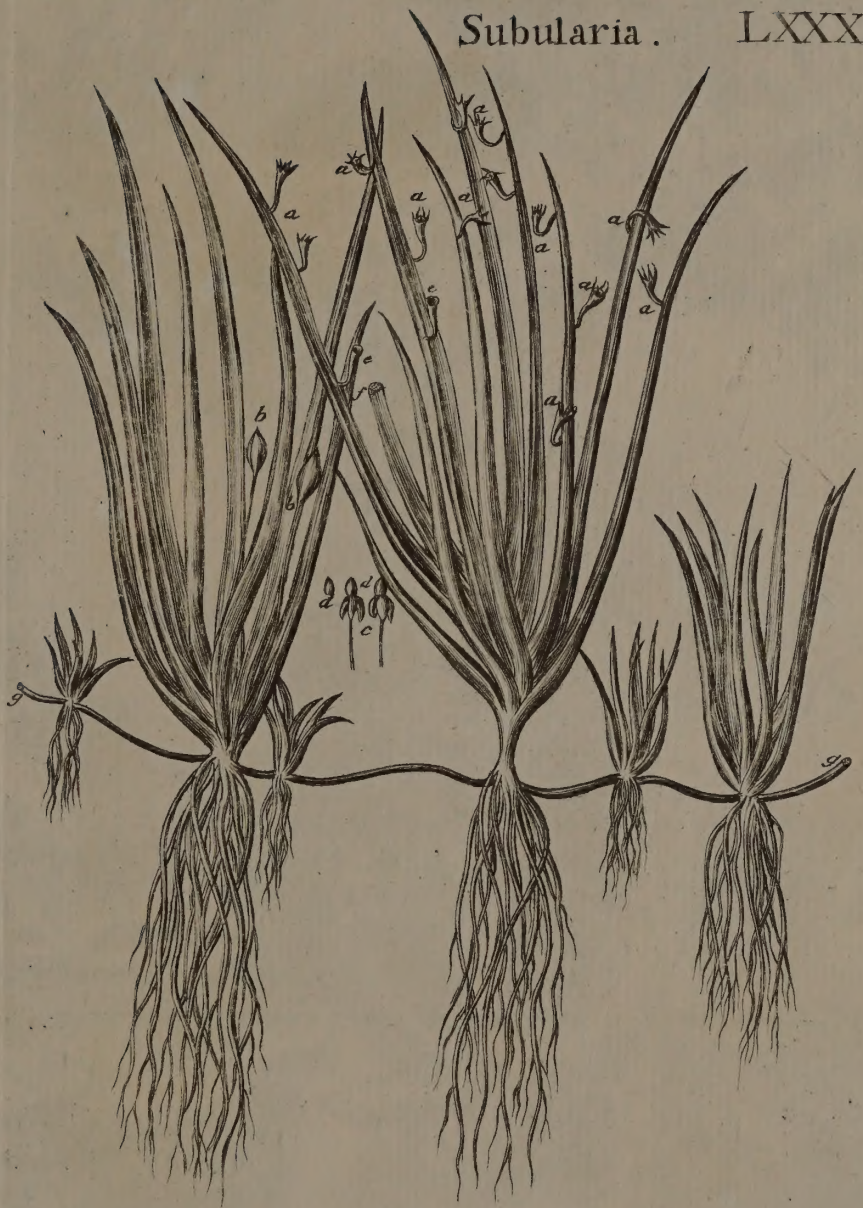


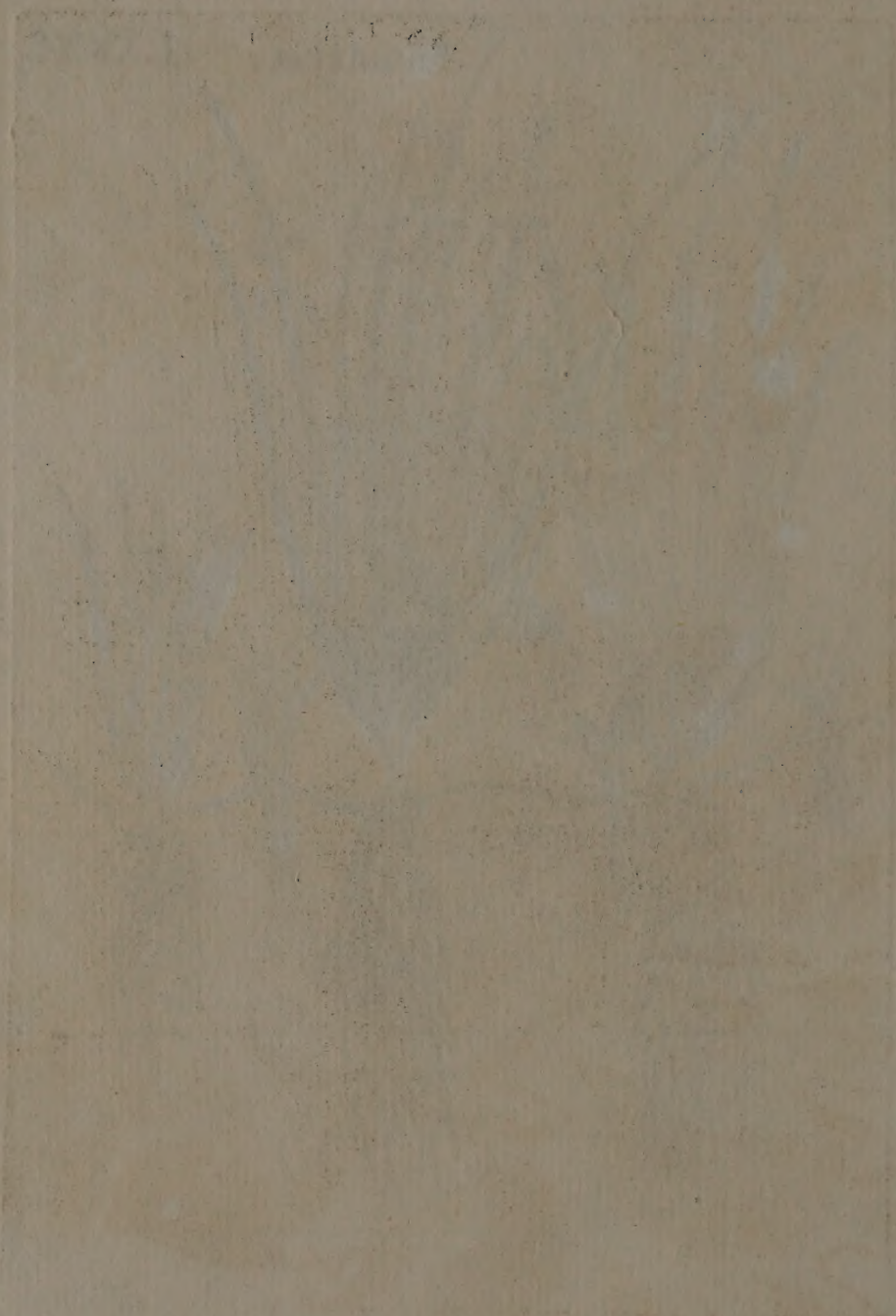


Calamaria.



Subularia. LXXXI.

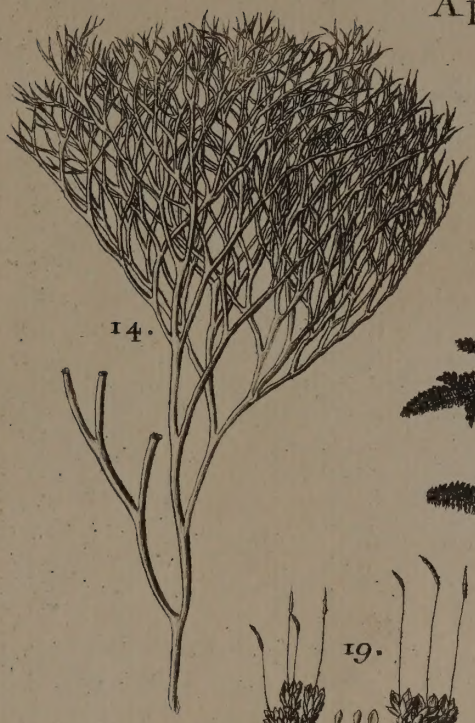




1.
2.
3.
B.
A.
4.
5.

6.
7.
a
b
c
d
e
8.
a
b
c
d
9.
9. A.
B.
C.
D.

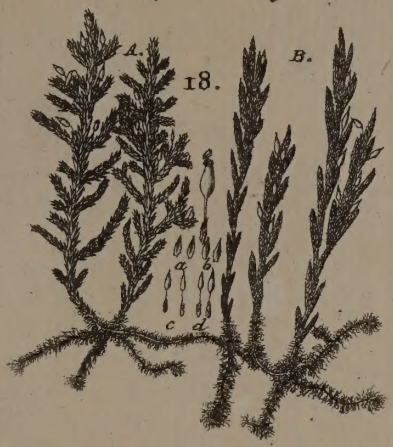
11.
10.
12.
13.
a


14.

15.
a b c
A.
B.
C.

16.
a b c d e f

17.
a b c d


A.
B.
18.
a
c d

19.
a b

20.

21.